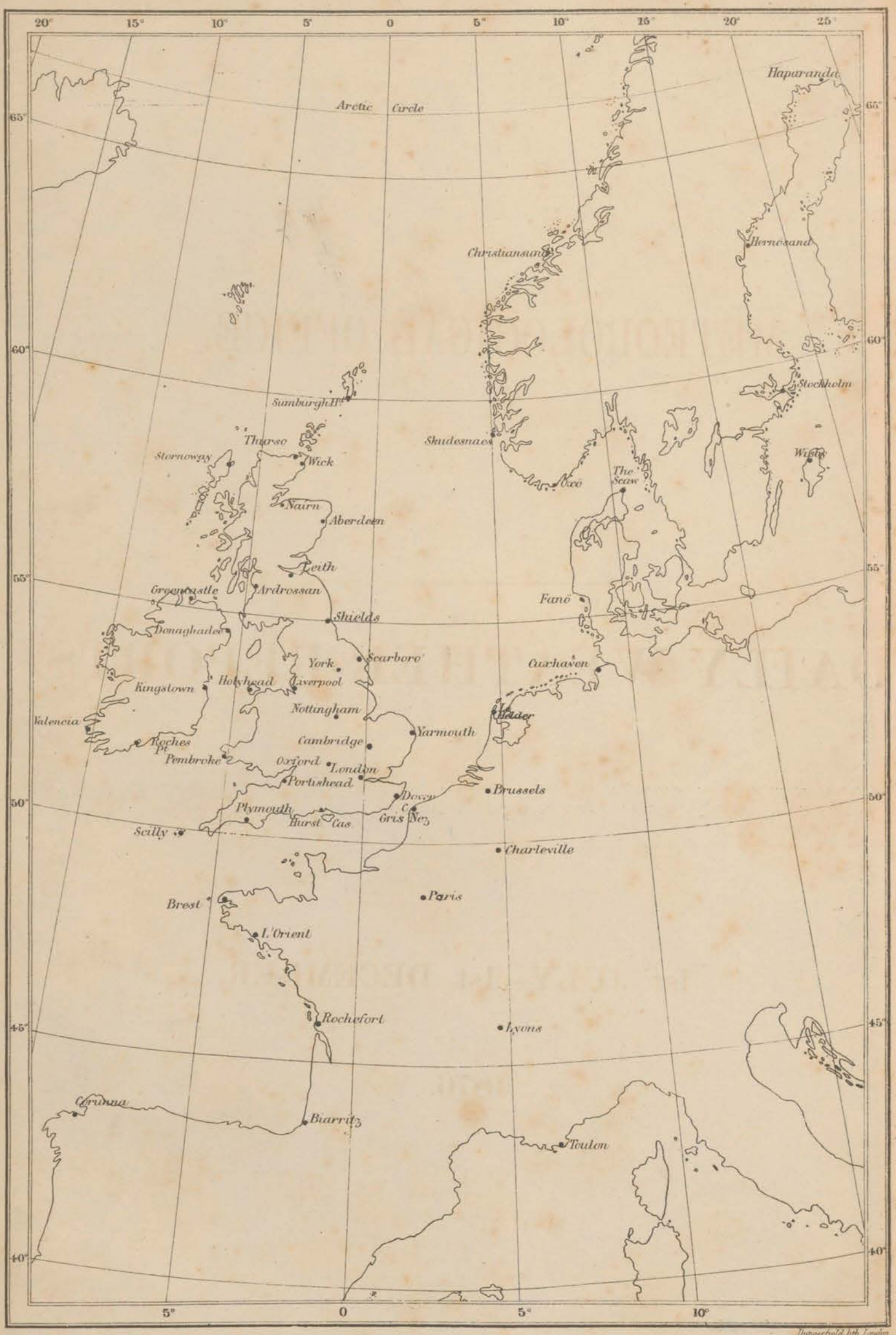

Dangerfield, lith. London.

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH DAILY TO THE METEOROLOGICAL OFFICE. FROM JULY TO DEC., 1876.

17415

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1st JULY–31st DECEMBER,

1876.

F & T 600 1–77

DAILY WEATHER REPORT Nov 1st 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.25	33	NW	4	o	29.61	+ .78	30	29	− 2	N	6	o	*	*	*	0.08
Hernösand ...	29.32	38	N	2	bc	29.65	?	35	32	o	N	4	o	*	*	*	–
Stockholm ...	29.22	32	NNW	4	bc	29.50	+ .44	36	35	− 1	N	4	r	*	*	*	0.12
Wisby	29.25	38	NE	8	r	29.46	+ 23	41	39	o	N	8	r	*	*	*	0.16
Christiansund ...	29.78	35	N	7	r	29.89	+ .37	33	32	− 4	NW	5	c	6	39	30	–
Skudesnaes ...	29.82	39	NNW	8	c	30.03	+ .37	37	35	− 3	NNW	4	o	3	41	?	–
Oxö (Christiansand)	29.63	42	NW	4	b	29.90	+ .38	38	32	− 3	NNW	4	b	2	48	36	–
Skagen (The Skaw)	29.59	45	NNE	6	b	29.80	+ .37	41	35	− 3	NE	8	bc	8	46	39	–
Fanö	29.72	42	N	4	c	29.89	+ .25	36	34	− 6	N	4	b	*	46	34	0.04
Cuxhaven ...	29.70	*	*	*	*	29.87	+ .17	43	42	o	NNE	4	b	*	?	?	0.44
Sumburgh Head	30.19	36	NNE	5	o	30.09	+ .01	43	42	+ 9	W	5	r	5	43	33	0.15
Stornoway	30.38	38	NW	4	o	30.30	− .05	40	38	+ 3	WNW	1	o	4	41	33	0.21
Thurso	30.29	40	N	5	r	30.24	+ .03	40	39	− 1	WSW	4	r	4	43	38	0.07
Wick	30.29	38	NNW	5	o	30.25	+ .05	39	37	o	W	2	o	2	40	35	0.04
Nairn	30.36	39	NW	4	o	30.24	− .04	37	36	− 2	NW	1	o	5	41	37	–
Aberdeen ...	30.24	39	NNW	5	bc	30.28	+ .13	38	36	o	NW	2	b	3	41	37	0.04
Leith	30.34	42	NNW	4	bc	30.37	+ .10	36	35	− 5	WSW	2	bc	*	39	35	–
Shields	30.26	40	NNW	4	c	30.33	+ .12	38	35	o	NNW	4	bam	5	42	37	–
York	30.26	41	?	4	bc	30.33	+ .11	37	34	o	NNW	3	bc	*	45	33	–
Scarborough ...	30.20	41	NNW	5	r	30.28	+ .11	43	41	+ 2	N	5	r	6	43	40	0.23
Nottingham ...	30.28	40	NNW	4	o	30.34	+ .09	35	32	− 1	NW	2	b	*	45	31	–
Ardrossan ...	30.37	42	NW	2	bc	30.40	+ .07	31	29	− 7	E	1	bf	0	47	30	–
Greencastle ...	30.39	41	N	2	bc	30.39	+ .03	42	41	+ 1	N	1	o	*	48	36	0.04
Donaghadee ...	30.37	43	NNE	4	c	30.41	+ .07	44	42	+ 2	NNE	3	bc	2	46	?	–
Kingstown ...	30.39	45	NW	5	c	30.43	+ .05	40	38	− 1	W	4	o	3	46	39	–
Holyhead ...	30.32	47	N	4	o	? 30.39	+ .09	45	41	o	NE	3	o	2	47	44	–
Liverpool (Bidston)	30.33	42	NNE	1	bc	30.40	+ .11	38	34	− 2	NNE	1	b	1	44	36	–
Valencia	30.40	47	ENE	3	bc	30.40	− .01	38	36	− 11	E	1	b	2	57	35	–
Roche's Point...	30.40	45	NE	3	bc	30.41	+ .02	40	37	− 8	N	2	b		49	35	–
Pembroke ...	30.33	45	NNE	3	c	30.40	+ .10	43	38	− 4	E	1	c	0	48	39	–
Portishead ...	30.29	41	N	4	bc	30.36	+ .09	38	34	− 4	N	5	b	4	37	32	–
Scilly	30.30	50	NNE	5	o	30.38	+ .07	45	41	− 6	E	5	b	3	52	43	–
Plymouth ...	30.28	44	NNE	3	b	30.38	+ .10	34	33	− 11	NNE	3	b	*	57	32	–
Hurst Castle ...	30.23	40	N	2	b	30.33	+ .08	34	33	− 8	N	2	b	1	46	30	–
Dover	30.17	42	NW	3	bc	30.21	+ .04	38	36	o	N	4	b	2	46	36	–
London	30.24	42	N	2	b	30.30	+ .08	35	33	− 1	N	2	b	*	47	33	–
Oxford	*	*	*	*	*	30.34	+ .08	33	31	− 3	NNW	1	b	*	44	32	–
Cambridge ...	30.34	37	NNW	2	c	30.29	+ .09	34	32	o	N	2	b	*	48	33	–
Yarmouth ...	30.12	41	NW	5	r	30.19	+ .08	42	40	+ 1	NNW	6	grh	6	43	40	0.31
The Helder ...	*	*	*	*	*	30.02	+ .07	44	43	− 2	NNW	*	c	*	*	*	0.12
Cape Gris Nez	30.16	45	N	5	bc	30.21	+ .05	41	39	− 2	N	5	bc	4	48	37	–
Brest	?	52	NE	2	o	?	?	39	37	− 9	ENE	2	c	2	52	37	–
L'Orient	30.25	48	NNE	3	o	30.34	+ .06	43	39	− 9	NE	3	c	2	54	41	–
Rochefort ...	30.15	55	NE	5	o	30.23	+ .06	39	37	− 7	NE	4	b	3	57	37	–
Biarritz	30.12	59	Z	o	c	30.18	+ .04	43	39	− 3	ENE	3	bc	3	?	41	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.10	+ .03	39	*	− 2	WNW	3	o	*	*	*	0.13
Charleville ...	*	*	*	*	*	? 30.03	+ .01	39	*	− 1	? NE	6	c	*	*	*	*
Paris	30.15	43	NNW	3	b	30.19	+ .03	37	*	− 8	NW	2	bc	*	*	*	–
Lyons	*	*	*	*	*	?	?	46	*	− 4	N	4	c	*	*	*	*
Toulon	29.67	52	NW	4	b	29.72	− .03	52	43	+ 4	N	2	c	4	63	48	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.76	37	39	NNW	9	r	5	Valencia	30.40	50	45	ENE	3	o	3
Thurso	30.26	42	37	N	5	o	6	Scilly	30.31	57	47	N	5	c	2
Scarborough ...	30.18	42	40	NNW	5	c	6	London	30.22	45	39	NNW	2	b	*
Greencastle ...	30.37	44	42	NNE	2	r	*	Rochefort ...	30.15	57	50	NE	4	bc	3
Holyhead	30.32	46	42	N	4	bc	3								

The barometer has begun to fall a little at Valentia, but hardly any other change is reported.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Wednesday Novr 1st 1876

REMARKS. Since yesterday morning the barometer has risen very quickly at the Swedish and Norwegian stations, and to a less degree over the greater part of W^n Europe, but in Scotland it has begun to fall again during the night. A well formed anticyclone now lies over Ireland, and the British Isles, but the gradients for N^r winds over the German Ocean are much less steep than of late. The wind has now backed to the W^d at our most N^n stations, and is fresh at Lerwick Head. The N^r gale in the E. has almost passed away from us, but fresh to strong breezes from that quarter are still blowing along our E. coast, as well as in Denmark and N. Germany, while a moderate N^r wind is reported from the W. of France, and E. breezes now at our SW coast. Temperature has risen fast in the S. of Ireland, the Channel, and at most of the continental stations, and pretty generally. A sharp frost occurred on the grass over central England last night, the lowest point reached in London being 24°. A little rain has fallen in Denmark and Scotland. In most places the sky is now clear, and the weather dry, but in the N. it is cloudy, and rain has at times at Thurso and Lerwick Head, and at Valentia. Squalls of rain and hail prevail on our E. coast also. The sea is still rough in the N. and E., smooth to slight elsewhere.

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Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Dangerfield, lith. 22 Bedford St Covent Garden

DAILY WEATHER REPORT Nov. 2nd 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.71	16	N	2	b	29.66	+ .05	13	12	− 17	E	2	b	*	*	*	–
Hernösand ...	29.77	24	Z	0	b	29.67	+ .02	23	22	− 12	N	2	c	*	*	*	–
Stockholm ...	29.71	31	W	4	c	29.75	+ .25	23	22	− 13	Z	0	b	*	*	*	–
Wisby	29.73	41	N	8	r	29.79	+ .33	36	32	− 5	NNW	6	bc	*	*	*	0.04
Christiansund ...	29.73	35	SSW	6	s	29.74	− .15	36	33	+ 3	NW	8	o	5	36	32	–
Skudesnaes ...	29.82	39	E	4	r	29.86	− .17	42	40	+ 5	NNW	4	b	3	?	37	0.28
Oxö (Xtiansand)	29.92	33	NW	2	s	29.79	− .11	37	36	− 1	WNW	2	o	1	41	32	–
Skagen (The Skaw)	29.89	38	NNE	2	b	29.80	.00	38	38	− 3	W	2	r	0	43	32	–
Fanö	30.00	42	WSW	4	r	29.88	− .01	48	47	+ 12	NW	4	o	*	48	36	0.20
Cuxhaven ...	30.02	*	*	*	*	29.92	+ .05	50	50	+ 7	NW	6	or	*	?	?	0.05
Sumburgh Head	?	49	NW	6	r	?	?	47	45	+ 4	WNW	5	r	5	49	41	0.52
Stornoway	30.21	?48	W	4	r	30.13	− .17	44	44	+ 4	W	1	c	4	48	38	0.07
Thurso	30.10	49	?	4	o	30.07	− .17	48	46	+ 8	WNW	5	c	5	50	39	0.18
Wick	30.21	47	NW	4	o	30.06	− .19	46	44	+ 7	WNW	3	b	2	48	38	0.07
Nairn	30.19	45	NW	3	bc	30.15	− .09	46	44	+ 9	W	2	b	2	46	37	–
Aberdeen ...	30.16	46	NW	3	c	?30.02	− .14	46	43	+ 8	WNW	2	b	1	47	37	–
Leith	30.29	43	WNW	3	c	30.21	− .16	45	43	+ 9	WNW	3	c	*	48	34	–
Shields	30.31	39	WNW	1	bc	30.22	− .11	44	42	+ 6	NW	6	b	4	46	38	–
York	30.32	40	NNW	3	b	30.27	− .06	36	36	− 1	WNW	2	b	*	47	32	–
Scarborough ...	30.30	40	WNW	3	c	30.23	− .05	42	40	− 1	W	2	b	3	?	36	0.03
Nottingham ...	30.36	38	NW	3	b	30.33	− .01	34	33	− 1	S	1	b	*	46	30	–
Ardrossan ...	30.35	47	W	3	r	30.27	− .13	48	45	+ 17	WSW	3	o	3	49	31	–
Greencastle ...	30.37	44	W	2	o	30.29	− .10	40	38	− 2	W	2	o	*	46	33	–
Donaghadee ...	30.28	45	WNW	3	bc	30.32	− .09	37	36	− 7	W	3	bc	2	46	35	–
Kingstown ...	30.43	44	W	1	bc	30.37	− .06	39	37	− 1	W	1	bf	1	46	36	–
Holyhead ...	30.39	46	NW	2	o	30.35	− .04	46	43	+ 1	W	2	c	2	47	44	–
Liverpool (Bidston)	30.38	45	WNW	3	o	30.34	− .04	46	42	+ 8	WNW	3	o	2	46	38	–
Valencia	30.38	49	SE	3	bc	30.21	− .09	52	47	+ 14	S	4	c	3	?R	37	–
Roche's Point...	30.42	46	E	3	c	30.36	− .05	49	46	+ 9	SSW	3	o	3	49	40	–
Pembroke ...	30.41	45	Z	0	c	30.38	− .02	48	44	+ 5	W	1	c	1	48	42	–
Portishead ...	30.39	40	N	4	b	30.38	+ .02	41	40	+ 3	WNW	2	m	1	52	39	–
Scilly	30.40	45	E	3	b	30.39	− .05	50	48	+ 5	SSE	4	bc	2	50	44	–
Plymouth ...	30.39	40	E	2	b	30.42	+ .04	30	29	− 4	Z	0	bf	*	49	29	–
Hurst Castle ...	30.34	42	N	2	b	30.37	+ .04	35	34	+ 1	NNW	1	b	0	47	31	–
Dover	30.32	43	N	3	b	30.33	+ .12	40	38	+ 2	WSW	2	bc	2	48	37	–
London	30.37	43	N	2	bm	30.35	+ .05	36	35	+ 1	SW	1	bc	*	47	28	–
Oxford	*	*	*	*	*	30.36	+ .02	35	34	+ 2	W	1	b	*	45	31	–
Cambridge ...	30.35	39	N	1	c	30.31	+ .02	37	36	+ 3	W	1	b	*	47	30	–
Yarmouth ...	30.27	43	NW	4	c	30.26	+ .07	37	36	+ 5	W	3	bm	4	43	35	0.01
The Helder. ...	*	*	*	*	*	30.14	+ .12	50	48	+ 6	WNW	3	c	*	*		0.08
Cape Gris Nez	30.28	45	N	5	r	?30.24	?+ .13	45	41	+ 4	NW	4	o	4	50	41	–
Brest	?	54	ENE	2	b	?	?	45	43	+ 6	SE	3	b	3	57	41	–
L'Orient	30.37	46	NE	3	b	30.48	+ .14	41	39	− 2	ENE	2	b	2	52	39	–
Rochefort ...	30.28	56	NNE	4	b	30.38	+ .15	37	37	− 2	ESE	4	b	3	57	36	–
Biarritz	29.32	53	ENE	3	bc	30.34	+ .16	36	34	− 7	E	3	b	2	52	34	–
Corunna	*	*	*	*	*	30.18		50	*		NE	3	b	2	*	*	*
Brussels	*	*	*	*	*	30.28	+ .18	42	*	+ 3	SW	3	m	*	*	*	0.19
Charleville ...	*	*	*	*	*	?30.27	?+ .34	35	*	− 4	W	1	r	*	*	*	*
Paris	30.27	43	NW	3	b	30.38	+ .19	39	*	+ 2	WNW	2	bc	*	*	*	*
Lyons	*	*	*	*	*	?	?	45	*	− 4	N	6	b	*	*	*	*
Toulon	29.83	55	NW	4	b	30.01	+ .29	45	34	− 7	W	3	b	5	52	50	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.90	40	39	S	4	r	3	Valencia	30.39	50	46	SE	3	o	3
Thurso	30.14	46	45	WSW	5	rs	4	Scilly	30.40	48	44	E	5	bc	3
Scarborough ...	30.31	44	42	N	2	o	4	London	30.34	45	40	N	2	b	*
Greencastle ...	30.38	45	42	W	2	o	*	Rochefort ...	30.24	54	46	ENE	4	bc	3
Holyhead	30.40	46	43	NW	2	o	1								

The barometer continues to fall steadily at the N^rn stations, but has risen a little in the S and E. The W^ly wind has slackened somewhat at Stornoway and Thurso, with dull, showery weather.
Warnings issued to our N^rn coasts.

EXPLANATION OF COLUMNS.

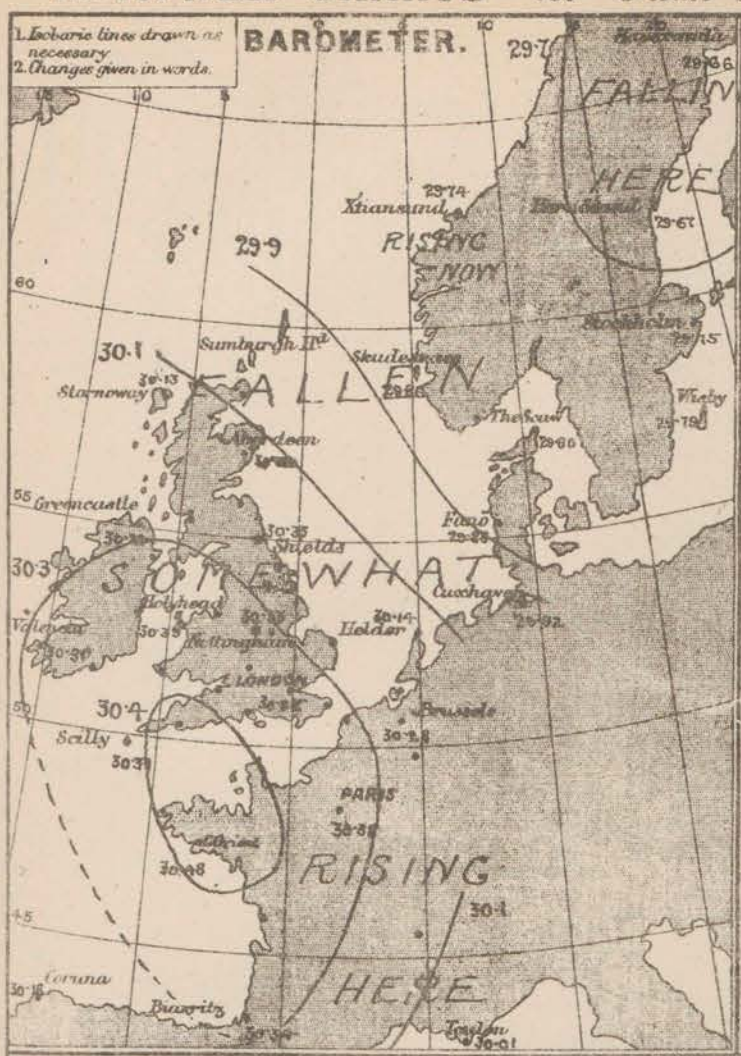
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy): o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

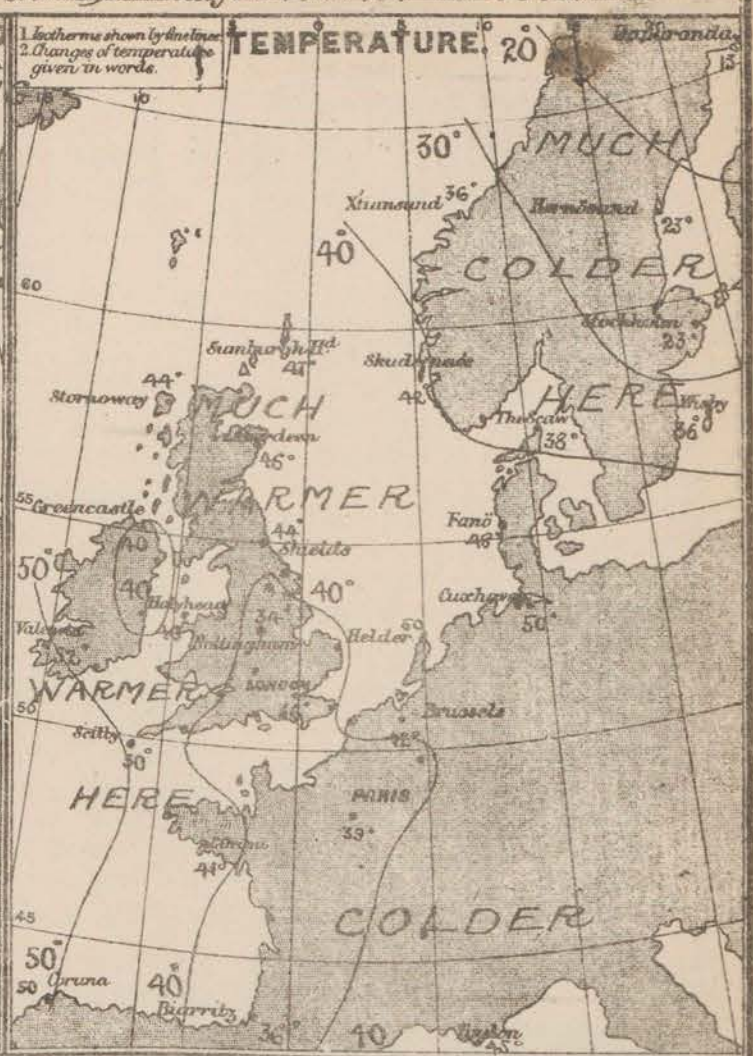
* AN ASTERISK is inserted in all places for which information is not usually received.

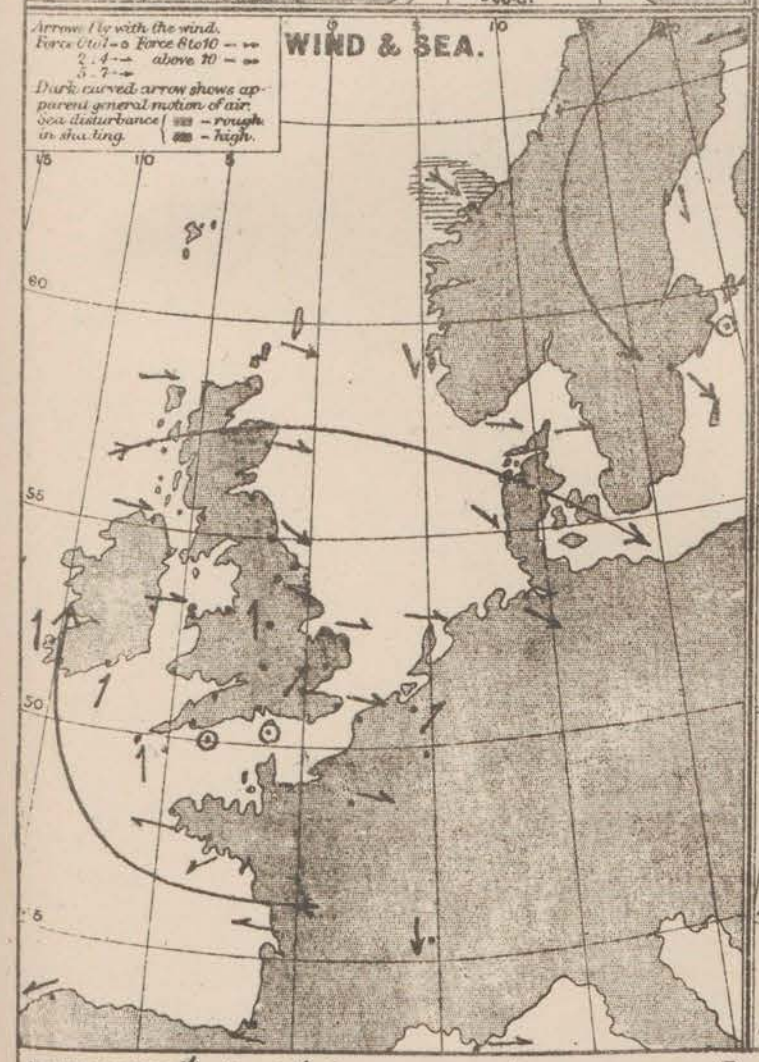
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Thursday Nov. 2nd 1876.







REMARKS. The fall of the barometer, which had commenced in Scotland yesterday morning passed on to Norway later in the day, but during the past night the barometer has begun to fall a little over the whole of W. Europe. The highest readings are now reported from the south of the Channel, and NW. of France, so that slight gradients for S. winds are appearing in Ireland, at the same time that moderate ones for NW. winds prevail over the North Sea. Slight S. breezes have accordingly set in at Valencia and Roche's Point, while light to fresh W. winds are blowing in Scotland, and NW. breezes over the German Ocean, the latter are strong at Shields and Cuxhaven, while at Christiansund a fresh gale is reported, elsewhere they are moderate. In the Bay of Biscay the wind is still E. Temperature is increasing considerably in the W. and N. and the change is apparently spreading to our other coasts. It was very low over England last night — especially in the S. counties. In London it went down to 28° in the shade, and 21° on the grass. Rainfall at our most W. stations yesterday, and is now falling at Lerwick & Shetland, Skudesnaes, the Skaw and Cuxhaven. Over the greater part of Ireland and France the weather is still fine, but sturdiness is increasing in Ireland. The sea remains rather rough in the N. but is moderate to smooth elsewhere.

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Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Darlinfield, lith. 22, Bedford St. Covent Garden.

DAILY WEATHER REPORT Nov^t 3rd 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.56	21	E	2	be	29.65	− .01	22	21	+ 9	NE	2	o	*	*	*	–
Hernösand ...	29.58	23	Z	o	b	29.54	− .13	25	24	+ 2	NNE	4	c	*	*	*	–
Stockholm ...	29.65	29	SSW	2	be	29.53	− .22	28	28	+ 5	W	2	b	*	*	*	–
Wisby	29.79	39	NW	4	c	29.62	− .17	38	35	+ 2	NW	6	c	*	*	*	0.12
Christiansund ...	29.70	36	NW	4	b	29.89	+ .15	36	34	o	NNE	6	s	5	?	28	–
Skudesnaes ...	29.95	43	NW	4	N	29.95	+ .09	36	34	− 6	NNW	2	c	2	43	?	–
Oxô (Ytiansand)	29.81	43	W	4	c	29.94	+ .05	40	35	+ 3	NNW	4	c	2	43	37	–
Skagen (The Scaw)	29.77	44	NW	4	c	29.78	− .02	42	36	+ 4	NNE	5	be	5	?	36	–
Fanö	29.94	48	NW	6	o	29.89	+ .01	49	48	+ 1	NW	6	r	*	50	46	–
Cuxhaven ...	29.98	*	*	*	*	29.98	+ .06	49	49	− 1	NW	5	or	*	?	?	0.17
Sumburgh Head	29.93	47	W	3	r	29.99	?	40	37	− 7	ENE	3	c	4	50	39	0.14
Stornoway	30.03	48	SW	1	r	29.90	− .23	51	51	+ 7	SW	1	r	3	51	43	0.28
Thurso	30.02	48	W	4	r	29.90	− .17	49	49	+ 1	SSE	2	r	2	51	47	0.47
Wick	30.02	47	NW	3	r	29.92	− .14	50	50	+ 4	NE	1	r	0	50	44	0.19
Nairn	30.08	47	W	2	o	29.94	− .21	50	49	+ 4	W	1	o	2	50	44	0.02
Aberdeen ...	30.13	48	WSW	1	o	29.95	− .17	47	46	+ 1	SW	1	o	1	51	45	–
Leith	30.18	47	W	3	o	30.06	− .15	50	48	+ 5	WSW	2	o	*	51	44	–
Shields	30.21	46	WNW	4	o	30.09	− .13	49	47	+ 5	W	3	m	2	49	42	–
York	30.25	45	W	2	c	30.15	− .12	44	43	+ 8	SW	1	be	*	50	34	–
Scarborough ...	30.23	45	WSW	2	o	30.13	− .10	45	44	+ 3	WSW	2	c	2	51	42	0.01
Nottingham ...	30.30	44	S	1	o	30.23	− .10	45	44	+ 11	SSW	1	o	*	51	33	–
Ardrossan ...	30.21	50	SW	3	o	30.10	− .17	52	50	+ 4	WSW	2	r	3	52	48	–
Greencastle ...	30.21	40	SSW	3	o	30.07	− .22	48	47	+ 8	WSW	2	o	*	48	36	0.08
Donaghadee ...	30.26	51	WNW	2	c	30.12	− .20	47	46	+ 10	W	4	c	3	?	37	–
Kingstown ...	30.31	48	S	1	o	30.19	− .18	52	49	+ 13	WSW	3	odg	2	53	38	–
Holyhead ...	30.30	49	WSW	3	o	30.19	− .16	51	50	+ 5	WSW	3	r	2	52	45	0.05
Liverpool (Bidston)	30.30	46	W	3	be	30.19	− .15	49	48	+ 3	WSW	3	r	2	50	44	0.01
Valencia	30.25	54	S	4	o	30.17	− .14	55	52	+ 3	SSW	3	og	3	56	49	–
Roche's Point...	30.31	52	SSW	4	c	30.22	− .14	52	52	+ 5	SW	4	o	3	54	49	–
Pembroke ...	30.35	50	WSW	2	c	30.25	− .13	54	52	+ 6	SW	3	o	3	54	47	–
Portishead ...	30.32	47	WNW	3	c	30.29	− .09	47	45	+ 6	WSW	4	o	3	55	38	–
Scilly	30.37	52	S	4	c	30.29	− .04	54	51	+ 4	SW	4	c	4	55	48	–
Plymouth ...	30.38	45	Z	o	o	30.31	− .11	51	? 49	+ 21	SW	2	om	*	50	? 30	–
Hurst Castle ...	30.34	48	NW	3	b	30.30	− .07	49	48	+ 14	WSW	1	omw	1	50	33	–
Dover	30.32	43	WSW	3	be	30.28	− .05	44	42	+ 4	W	2	be	1	48	39	–
London	30.34	46	WNW	2	bf	30.28	− .07	41	40	+ 5	WSW	1	fo	*	50	34	–
Oxford	*	*	*	*	*	30.25	− .11	45	44	+ 10	SW	1	o	*	48	35	–
Cambridge ...	30.31	43	W	1	b	30.25	− .06	43	42	+ 6	SW	1	o	*	52	35	–
Yarmouth ...	30.26	45	WNW	3	b	30.20	− .06	42	41	+ 5	W	3	af	3	48	36	–
The Helder ...	*	*	*	*	*	30.11	− .03	51	48	+ 1	W	2	c	*	*	*	0.04
Cape Gris Nez	30.33	48	W	2	c	30.32	− .02	48	46	+ 3	WNW	3	o	3	50	43	–
Brest	?	54	S	3	be	?	?	50	48	+ 5	SSE	2	be	3	54	45	–
L'Orient	30.45	45	ESE	1	b	30.40	− .08	45	45	+ 4	ESE	2	m	2	54	39	–
Rochefort ...	30.40	52	SSE	3	b	30.35	.00	41	39	+ 4	ESE	4	be	3	55	34	–
Biarritz	30.31	54	ENE	2	b	30.32	− .02	34	32	− 2	ENE	2	b	2	55	32	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.26	− .02	44	*	+ 2	SW	6	?	*	*	*	0.05
Charleville ...	*	*	*	*	*	? 30.25	− .02	40	*	+ 5	WSW	1	c	*	*	*	*
Paris	30.38	48	WNW	3	o	30.27	− .01	46	*	+ 7	W	2	c	*	*	*	–
Lyons	*	*	*	*	*	?	?	47	*	+ 2	N	2	m	*	*	*	*
Toulon	30.12	48	NW	4	b	30.17	+ .16	48	?	+ 3	E	1	b	3	52	45	?

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.86	43	41	WNW	6	o	5	Valencia	30.28	53	49	SSW	4	o	4
Thurso	30.06	48	47	WNW	5	ow	5	Scilly	? 30.29	55	50	S	4	c	0
Scarborough ...	? 30.12	50	47	W	2	c	3	London	30.34	48	44	WNW	2	b	*
Greencastle ...	30.25	45	43	SW	2	o	*	Rochefort ...	30.39	55	48	SE	3	b	3
Holyhead	30.34	49	46	WSW	3	c	2								

The barometer is now falling slowly everywhere and the weather has become cloudy or overcast except in the SE. The winds are unchanged.

EXPLANATION OF COLUMNS.

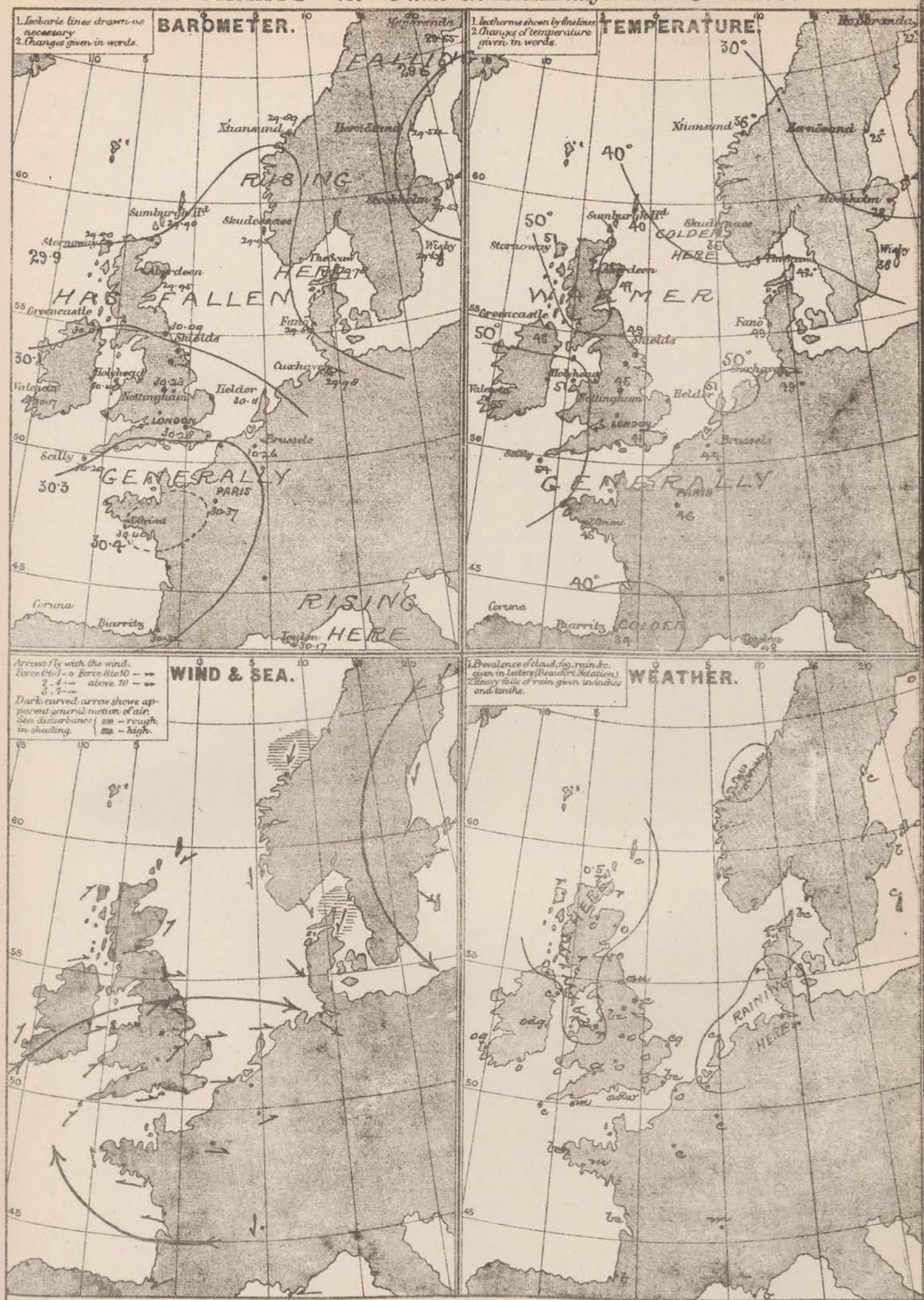
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday Nov. 3rd 1876.



REMARKS. The barometer continues to fall over the whole of the British Isles this morning, and the change has extended, in a smaller degree to the W. and N. of France, while on the Mediterranean coasts the mercury is rising. The highest readings are again reported from the Danish stations, and the lowest from Sweden, and our NW. coasts, so that while gradients for W. winds prevail over our Islands, they are on the North Sea and for NW., and (owing to a rise of the mercury in the W. of Norway) there over Scandinavia are for N. winds. The winds reported are in accordance with these conditions, so that we have moderate breezes from the W. over the United Kingdom, while N. winds are felt on the Swedish and Norwegian coasts, and NW. in N. Germany. In the Bay of Biscay the wind has veered to SE. Temperature has risen at almost all stations. At our N. stations it is high for the time of year, in England it is about the average, in France it is rather low, and in the Gulf of Bothnia a sharp frost still prevails. A little rain has again fallen in the N. and continues at several of the Scotch stations, as well as in N. Germany, with snow at Christiansund. The sky is much more cloudy than it has been of late, and the air is damper. The sea has gone down on all coasts. S. & W. winds & mild weather are gradually spreading eastward.

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R. H. SCOTT.
Director.

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DAILY WEATHER REPORT *November 4th* 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·85	21	NE	4	o	29·99	+ ·34	15	15	− 7	N	2	b	*	*	*	–
Hernösand ...	29·76	27	N	2	c	30·00	+ ·46	23	23	− 2	NNW	2	b	*	*	*	0·04
Stockholm ...	29·73	28	N	4	c	29·82	+ ·29	27	26	− 1	NW	4	b	*	*	*	0·04
Wisby	29·69	36	NNE	9	c	29·84	+ ·22	35	32	− 3	NNW	9	c	*	*	*	—
Christiansund ...	30·05	35	N	4	c	30·17	+ ·28	37	34	+ 1	NNW	4	c	5	37	30	–
Skudesnaes ...	30·11	35	N	2	bc	30·24	+ ·29	34	31	− 2	N	2	b	2	39	34	–
Oxö (Christiansand)	30·06	40	N	4	c	30·15	+ ·31	32	31	− 8	NNW	4	b	2	44	30	–
Skagen (The Skaw)	30·04	40	NNE	5	b	30·12	+ ·34	39	33	− 3	N	2	b	1	45	37	—
Fanö	30·08	39	NE	2	c	30·20	+ ·31	33	29	− 16	NE	1	b	*	30	30	0·08
Cuxhaven ...	30·03	*	*	*	*	30·15	+ ·17	40	39	− 9	ENE	3	b	*	?	?	0·22
Sumburgh Head	30·13	43	E	2	o	30·82	+ ·33	37	34	− 3	N	0	b	2	44	36	–
Stornoway	30·02	50	N	1	c	30·24	+ ·34	48	48	− 3	N	0	o	0	54	45	0·01
Thurso	30·07	43	ESE	2	o	30·29	+ ·39	42	41	− 7	S	1	c	2	51	41	0·30
Wick	30·07	45	E	4	o	30·29	+ ·37	45	42	− 5	SE	2	c	3	50	42	0·10
Nairn	30·03	50	W	1	o	30·28	+ ·34	45	44	− 5	WNW	1	ndp	1	55	44	0·04
Aberdeen ...	30·00	51	NNW	1	r	30·29	+ ·34	45	43	− 2	E	1	o	2	57	45	0·18
Leith	30·04	52	W	3	o	30·29	+ ·23	47	47	− 3	ESE	2	o	*	58	46	–
Shields	30·04	51	W	4	o	30·29	+ ·20	48	47	− 1	NE	2	o	4	52	47	0·01
York	30·10	51	W	1	o	30·24	+ ·09	50	49	+ 6	WNW	1	o	*	53	42	0·01
Scarborough ...	30·07	57	WSW	2	o	30·26	+ ·13	49	49	+ 4	E	4	m	4	52	45	–
Nottingham ...	30·14	47	N	o	r	30·26	+ ·03	48	48	+ 3	N	0	f	*	49	44	0·42
Ardrossan ...	30·07	53	SW	1	r	30·28	+ ·18	50	49	− 2	NE	2	f	1	54	50	0·08
Greencastle ...	30·03	51	W	3	o	30·25	+ ·18	50	50	+ 2	NNW	1	o	*	52	45	0·08
Donaghadee ...	30·09	50	WSW	2	r	30·27	+ ·15	50	50	+ 3	W	2	bc	2	57	47	0·22
Kingstown ...	30·13	52	N	o	r	30·29	+ ·10	50	49	− 2	NW	1	cm	1	53	49	0·23
Holyhead ...	30·14	52	W	1	r	30·27	+ ·08	54	53	+ 3	NW	1	cm	0	55	51	0·19
Liverpool (Bidston)	30·14	49	W	2	r	30·26	+ ·07	51	51	+ 2	WNW	1	o	1	57	48	0·30
Valencia	30·17	55	SW	2	o	30·27	+ ·10	51	50	− 4	SE	2	b	3	58	47	–
Roche's Point...	30·20	54	SW	3	c	30·29	+ ·07	47	46	− 7	NE	3	f	3	55	45	–
Pembroke ...	30·19	54	SW	4	o	30·28	+ ·03	51	50	− 3	N	0	bc	2	55	49	0·02
Portishead ...	30·19	53	SW	3	o	30·27	− ·02	48	48	+ 1	WSW	1	m	1	55	45	0·09
Scilly	30·20	55	SW	4	o	30·30	+ ·01	54	53	0	ENE	1	o	2	59	53	–
Plymouth ...	30·25	53	SW	2	o	30·29	− ·02	45	45	− 6	SE	1	fmw	*	56	44	–
Hurst Castle ...	30·22	54	WNW	3	o	30·25	− ·05	48	48	− 1	N	1	c	0	54	44	0·08
Dover	30·21	50	W	2	bc	30·20	− ·08	49	48	+ 5	NW	3	c	2	57	44	0·04
London	30·20	57	WSW	1	o	30·24	− ·04	49	49	+ 8	NW	1	of	*	52	41	0·18
Oxford	*	*	*	*	*	30·25	·00	50	49	+ 5	N	0	f	*	53	45	0·16
Cambridge ...	30·16	48	SW	1	r	30·24	− ·01	48	48	+ 5	NNW	1	o	*	48	42	0·40
Yarmouth ...	30·13	48	W	2	r	30·18	− ·02	49	49	+ 7	NW	2	fg	2	53	45	0·03
The Helder... ...	*	*	*	*	*	30·19	+ ·08	41	39	− 10	ENE	2	bc	*	*	*	0·04
Cape Gris Nez	30·21	54	W	5	c	30·21	− ·11	50	50	+ 2	NW	4	o	3	54	46	0·08
Brest	?	57	SSW	3	bc	?	?	54	50	+ 4	WSW	1	o	3	59	48	–
L'Orient	30·26	48	S	2	bc	30·33	− ·07	46	46	+ 1	S	1	c	2	57	41	–
Rochefort ...	30·31	52	SSE	3	b	30·32	− ·06	41	41	0	E	2	bc	3	57	34	0·54
Biarritz	30·28	54	ENE	3	b	30·30	− ·02	45	41	+ 11	SSE	1	b	2	59	37	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·13	− ·13	49	*	+ 5	W	3	m	*	*	*	*
Charleville ...	*	*	*	*	*	?30·09	− ·16	45	*	+ 5	W	3	r	*	*	*	*
Paris	30·31	49	W	3	o	30·24	− ·13	46	*	0	NW	2	o	*	*	*	0·04
Lyons	*	*	*	*	*	?	?	46	*	− 1	NE	2	f	*	*	*	*
Toulon	30·15	54	W	2	b	30·05	− ·12	52	41	+ 4	NW	4	b	3	55	48	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·04	38	34	N	4	o	2	Valencia	30·16	56	53	SW	3	c	3
Thurso	29·71	47	46	ESE	3	pf	3	Scilly	30·25	56	55	SW	4	c	4
Scarborough ...	30·07	52	50	W	2	o	2	London	30·23	57	48	WSW	1	o	*
Greencastle ...	30·06	50	50	W	2	o	*	Rochefort ...	30·33	57	50	SSE	4	b	3
Holyhead	30·17	52	51	W	2	r	1								

The barometer is reported to be falling very fast at Thurso, where the wind has shifted to ESE. with foggy showery weather. Elsewhere little change is reported.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy): o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* **AN ASTERISK** is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Saturday Nov. 4th 1876.

REMARKS. Since yesterday morning the barometer has risen considerably at all the N^rn stations, while it has fallen a little in the South of England, as well as in France and Belgium. Readings are high in our Islands, but lower to the E^ward, and there is a shallow local depression now lying over the S^rn E^rn stations. The winds reported are exceedingly exceedingly variable. In Scandinavia a cold N^rly wind is blowing, and E^rly breezes have shown itself on our N.E. coast, and in N. Germany, during the night, while light NW^rly winds are reported in the S.E. of England, and a W^rly breeze in Belgium. Over our Islands and France calms and variable airs prevail. Temperature has changed irregularly. In most places it has fallen – especially to the E^ward of the North Sea, but in England it has risen, though it is apparently falling again, in those places to which the E^rly winds have extended. Rain has fallen in nearly all places. The weather now prevailing varies very much in different localities, but a good deal of fog, haze and gloom is reported. The sea is rough off our N.E. coast, and to a nearly as elsewhere.

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SUMMARY OF WEATHER IN WESTERN EUROPE

from OCTOBER 29TH to NOVEMBER 4TH 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The very settled weather which prevailed during the previous week, was broken up on Sunday, by the appearance of a deep depression to the NW. or N. of Norway, and its subsequent passage in a SE. direction, over Norway and Sweden towards Germany. Under the influence of this depression very strong NW. winds were experienced on our coasts, and gales over the North Sea, but while they brought snow and hail showers to the N. stations they cleared away the gloom and cloud, from the S. part of our area, and very fine but cold weather was experienced. On Wednesday a small anticyclone had appeared in the W, while at the same time a fall of the barometer commenced in the N. Both subsequently travelled S., and W. winds took the place of the NW. breezes, bringing more cloudy weather and, finally, general rain. During the continuance of the N. breezes very cold weather was experienced, particularly over Central England, where the thermometer fell a little below the freezing point in the shade, and several degrees, on the grass during the nights.

OCT. 29TH. The fall noticed over Scandinavia at the close of last week had become rapid during the night, and extended to our more N. stations, but in the S. of England and Ireland, and over France the mercury was rising slowly. Steep gradients had consequently been formed in the N. and fresh gales from W. were reported from the Norwegian stations, strong breezes from our N. coasts, and light airs from the same quarter at our central stations. Over France E. breezes prevailed, and in the S. of England light variable airs. Temperature had not changed much, and in France was very low. The sky was generally cloudy, and in the W. of our Islands overcast but the weather continued dry. By the evening the barometer was rising, and the wind veering towards NW. at our N. stations, but in the S. and E. a slight fall was reported.

OCT. 30TH. During the night the barometer had continued to rise in the W. and N. of our Islands and to fall slowly in the E. while over Denmark and Sweden a further rapid decrease was reported. In consequence the gradients over the North Sea, and the countries to the E. of it, had become very steep, and the wind, which was NW. generally, except over France, blew freshly or strongly on our E. and N. coasts, and with the force of a fresh gale in Norway, Sweden and Denmark. In the W. of our Islands it was light, while in France, moderate or light E. breezes still held. Temperature had fallen everywhere especially in the NE. At Dunbrough Head the thermometer had been as low as 30°, and at Wick 32° during the night. Snow was reported from Christiansund, and at some of our N. stations, but over the greater part of England and France the sky was clear. Later reports showed little change in pressure, so that fresh NW. gales continued in the W. of Norway, and strong winds on our N. and NW. coasts.

OCT. 31ST. Pressure was falling in the S. and E. of France, and N. Germany, but was rising elsewhere, particularly in the extreme N, whence the deep depression was apparently moving away. The highest readings still lay over our W. stations, and gradients were slight over these Islands, but over the North Sea they continued very steep. The wind had "backed" to the N. over France, so that N. breezes prevailed

over nearly the whole of Wn Europe. They were light on our Wn coasts and in France, but continued fresh in the E., and blew with the force of a gale over the Cannan Ocean. Temperature had risen somewhat in the N. but fallen several degrees over England, in the central parts of which it was only a little above freezing point. The sky was clear at many stations, and the weather continued dry generally. During the day the mercury rose, but the winds showed little change.

NOV. 1st Pressure had increased rapidly over Norway and Sweden, and in a less degree in nearly all parts of Wn Europe, but in the N. of Scotland a slight decrease had commenced during the night. A small anticyclone (30.4 ins.) had been formed over Ireland and the Irish Sea, whence readings decreased to 29.5 ins. over the Baltic, and to 29.7 ins. at Toulon. Nl breezes of moderate or fresh force consequently still prevailed on both shores of the North Sea, but over France the wind had veered to NE, and at Scilly to E, while in the N. of Scotland Wl breezes were reported. Temperature had fallen in most places, and was low generally. The thermometer had fallen slightly below 32° at some of our stations during the night, and a sharp frost occurred on the grass over Central England. The weather was very fine except on our N. and E. coasts, where rain and hail showers were reported. The barometer subsequently fell rather briskly in the N., and the Wl wind extended.

NOV. 2nd The small anticyclone, noticed in the W. on the previous day, had moved to the NW. of France, and the barometer was rising over that country, but in nearly all other places the fall had become general, the lowest pressures being reported from the Gulf of Bothnia. The wind was light from SE. over the Bay of Biscay, from S. in the SW, and from W. in the W. of these Islands, while on our E. coast, and over the North Sea it was moderate or fresh from NW. Temperature had risen several degrees in the W. and N, but fallen or remained steady elsewhere. It had again fallen below the freezing point over England, while at Haparanda it was as low as 13° Fahr. at 8 am. Rain was falling in some places, and the weather was becoming cloudy in the W. but elsewhere the sky continued clear. The small anticyclone continued to move Sward during the day, and the barometer fell generally.

NOV. 3rd The barometer was still lower over the whole of our Islands and the greater part of France. The area of highest pressure, however, still lay over the NW. of France, and that of lowest readings to the Nward of our Islands, so that the general direction of the wind was unaltered, except that owing to a rise of the barometer in the W. of Norway, Nl breezes had appeared in that country and Denmark. In all places the wind was moderate to light in force. Temperature had risen almost everywhere, especially over Central England, and the weather was overcast or very cloudy. Later reports showed a rise of the barometer in the N, so that readings became very uniform.

NOV. 4th Pressure had risen rather briskly in the N. while it had fallen somewhat over France and the S. of England. It was consequently very uniform over the British Isles, though over Scandinavia gradients were rather steep. While moderate Nl breezes were therefore experienced at the Norwegian and Swedish stations, the winds over these Islands and France were very light, and varied considerably in direction. Temperature had changed irregularly. The weather was generally cloudy and foggy. Rain had fallen over most of our coasts. By the evening the barometer had risen very slightly generally.

Meteorological Office,
116, *Victoria Street, Westminster, S.W.*
ROBERT H. SCOTT, Director.

DAILY WEATHER REPORT November 5th 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·06	10	N	2	b	30·03	+ ·04	21	21	+ 6	NE	2	0	*	*	*	
Hernösand ...	30·14	16	N	2	b	30·09	+ ·09	17	17	— 6	N	2	0	*	*	*	
Stockholm ...	29·99	25	NNW	4	c	30·08	+ ·26	17	16	— 10	NNW	2	b	*	*	*	
Wisby	30·04	35	N	6	c	30·03	+ ·19	33	32	— 2	NNE	6	c	*	*	*	
Christiansund ...	30·16	36	WSW	4	r	29·94	— ·21	38	36	+ 1	SW	3	r	3	39	34	?
Skudesnaes ...	30·30	37	NE	2	o	30·13	— ·11	44	41	+ 10	W	2	r	3	?	34	0·16
Oxö (Xtiansand)	30·23	35	NNW	2	bc	30·19	+ ·04	36	31	+ 4	WSW	2	o	2	41	32	—
Skagen (The Scaw)	30·19	41	N	3	b	30·18	+ ·06	38	34	— 1	Z	0	c	0	46	32	—
Fanö	30·29	31	Z	0	b	30·24	+ ·04	34	32	+ 1	S	1	b	*	45	30	—
Cuxhaven ...	30·29	*	*	*	*	30·27	+ ·02	40	39	0	WSW	2	bc	*	?	?	—
Sumburgh Head	30·31	40	SW	1	c	30·10	— ·22	45	44	+ 8	NNE	1	r	1	48	35	0·03
Stornoway	30·26	47	NW	1	bc	30·20	— ·04	47	46	— 1	SW	1	c	0	51	43	—
Thurso	30·28	41	Z	0	bc	30·15	— ·14	49	49	+ 7	W	3	r	2	51	41	0·11
Wick	30·26	57	W	2	o	30·14	— ·15	49	49	+ 4	NW	1	o	1	50	43	0·01
Nairn	30·30	46	NNW	1	r	30·19	— ·09	48	47	+ 3	Z	0	o	1	48	44	0·02
Aberdeen ...	30·31	45	S	1	o	30·17	— ·12	47	46	+ 2	SSW	1	cm	1	47	45	—
Leith	30·34	48	SE	1	o	30·20	— ·09	51	50	+ 4	WNW	1	r	*	52	46	0·06
Shields	30·37	47	E	2	o	30·23	— ·04	49	47	+ 1	W	1	of	4	49	46	0·02
York	30·36	48	NNW	1	o	30·27	+ ·03	47	47	— 3	SW	1	f	*	54	44	0·03
Scarborough ...	30·37	48	ENE	2	o	30·24	— ·02	48	47	— 1	WSW	1	of	2	50	46	0·02
Nottingham ...	30·37	50	Z	0	o	30·30	+ ·04	48	48	0	Z	0	f	*	53	47	0·01
Ardrossan ...	30·34	50	NE	1	o	30·24	— ·04	53	52	+ 3	SSW	2	r	2	53	49	0·01
Greencastle ...	30·31	51	E	1	o	30·27	+ ·02	52	51	+ 2	W	1	o	*	54	48	0·03
Donaghadee ...	30·35	52	WSW	2	c	30·29	+ ·02	51	51	+ 1	SW	2	bc	2	54	49	0·02
Kingstown ...	30·38	53	S	1	f	30·33	+ ·04	51	49	+ 1	WNW	4	cm	3	53	49	0·01
Holyhead ...	30·35	54	Z	0	o	30·31	+ ·04	52	51	— 2	WNW	2	o	1	56	53	0·02
Liverpool (Hoylake)	30·36	52	WNW	1	o	30·30	+ ·04	51	51	0	W	2	o	1	53	50	0·05
Valencia	30·31	52	SE	2	b	30·28	+ ·01	54	54	+ 3	SE	1	o	2	51	49	—
Roche's Point...	30·38	53	SE	1	bc	30·37	+ ·08	53	51	+ 6	SSW	1	o	2	55	47	—
Pembroke ...	30·36	53	Z	0	o	30·35	+ ·07	53	52	+ 2	NW	1	o	2	56	50	—
Portishead ...	30·36	53	SW	1	m	30·33	+ ·06	50	50	+ 2	Z	0	m	1	59	46	—
Scilly	30·37	53	Z	0	b	30·38	+ ·08	54	53	0	Z	0	o	1	59	51	—
Plymouth ...	30·37	54	S	1	o	30·36	+ ·07	49	49	+ 4	NNE	2	bc	*	59	44	—
Hurst Castle ...	30·34	53	Z	0	o	30·30	+ ·05	51	51	+ 3	NW	1	cm	1	56	46	0·01
Dover	30·35	50	NNE	2	o	30·33	+ ·13	48	46	— 1	S	2	c	2	54	44	—
London	30·36	54	NW	1	o	30·32	+ ·08	47	47	— 2	SW	1	o	*	54	46	0·04
Oxford	*	*	*	*	*	30·32	+ ·07	48	48	— 2	Z	0	f	*	55	47	0·06
Cambridge ...	30·37	48	N	1	o	30·31	+ ·07	45	45	— 3	S	1	o	*	52	44	0·02
Yarmouth ...	30·35	46	SE	2	bc	30·31	+ ·13	44	43	— 5	NSW	2	cm	2	49	42	0·03
The Helder... ...	*	*	*	*										*	*	*	
Cape Gris Nez	30·34	48	NE	3	o	30·34	+ ·13	41	39	— 9	SE	1	c	0	54	39	—
Brest	?	57	E	1	o	?	?	54	52	0	E	1	o	2	?	48	—
L'Orient	30·38	54	NW	2	c	30·39	+ ·06	52	50	+ 6	E	1	o	2	61	45	—
Rochefort ...	30·31	54	NW	3	b	30·36	+ ·04	50	48	+ 9	NE	2	o	0	61	37	—
Biarritz	30·32	56	Z	0	b	30·32	+ ·02	46	39	+ 1	E	3	m	2	55	37	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·36	+ ·23	33	*	— 16	NE	1	bc	*	*	*	*
Charleville ...	*	*	*	*	*	? 30·31	+ ·22	33	*	— 12	SE	1	c	*	*	*	*
Paris	30·31	53	NW	3	o	30·35	+ ·11	41	*	— 5	E	3	m	*	*	*	0·04
Lyons	*	*	*	*	*	?	?	52	*	+ 6	N	?	f	*	*	*	*
Toulon	30·01	52	NNW	4	b	30·06	+ ·01	52	43	0	E	1	c	4	55	48	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·28	38	34	NNW	4	b	2	Valencia	30·31	58	54	SSE	3	bc	3
Thurso	30·20	48	44	S	1	b	2	Scilly	30·34	58	55	Z	0	bc	1
Scarborough ...	30·35	48	47	ENE	2	o	3	London	30·31	54	52	NW	1	c	*
Greencastle ...	30·29	54	53	ESE	1	o	*	Rochefort ...	30·30	59	54	W	1	b	3
Holyhead	30·32	55	54	NNW	1	c	0								

The barometer has risen at all stations since the morning, most in the E, and the E^ly wind on our E coast is falling very light. Temperature is rising again in Ireland.

EXPLANATION OF COLUMNS.

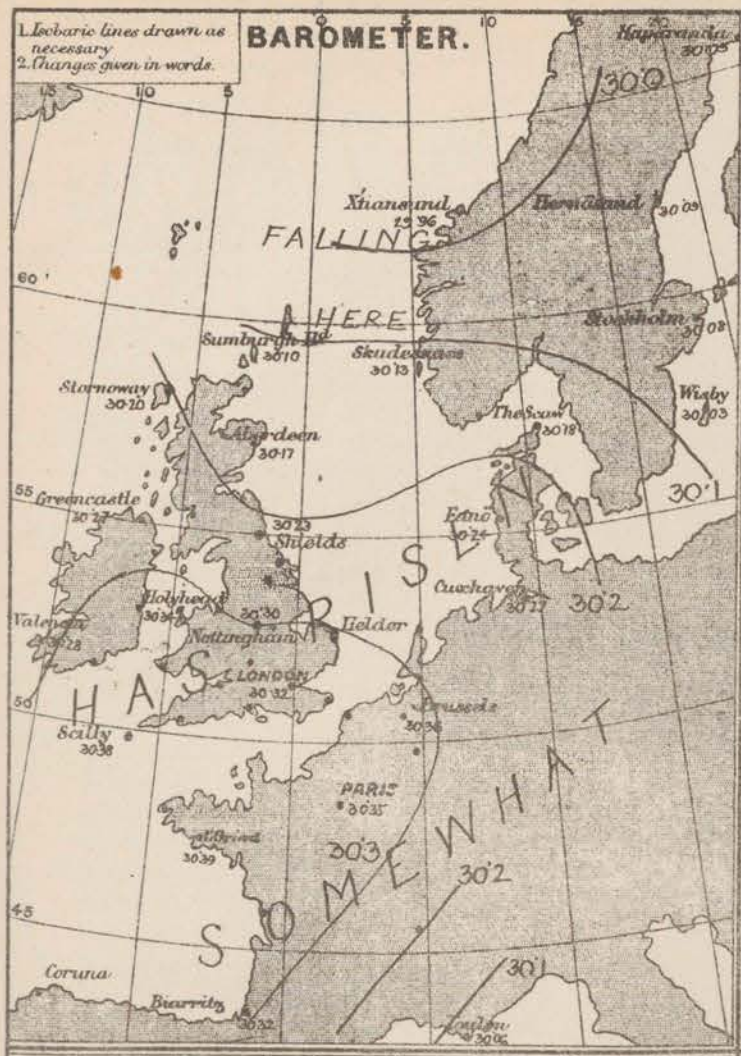
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

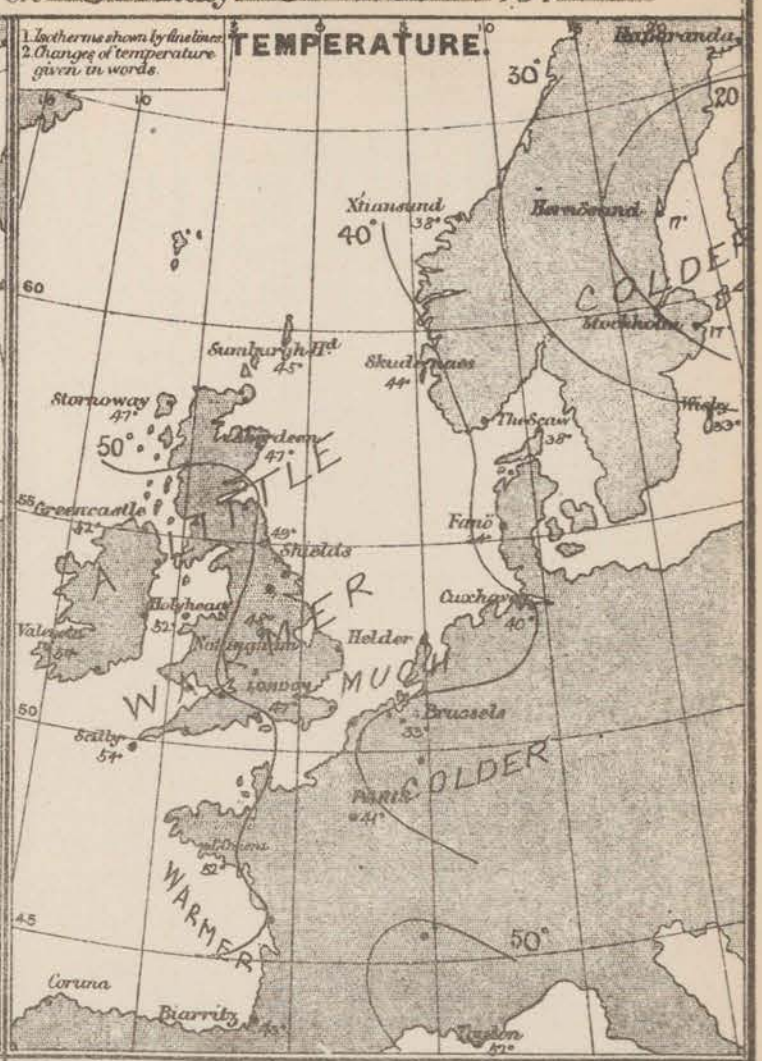
* AN ASTERISK is inserted in all places for which information is not usually received.

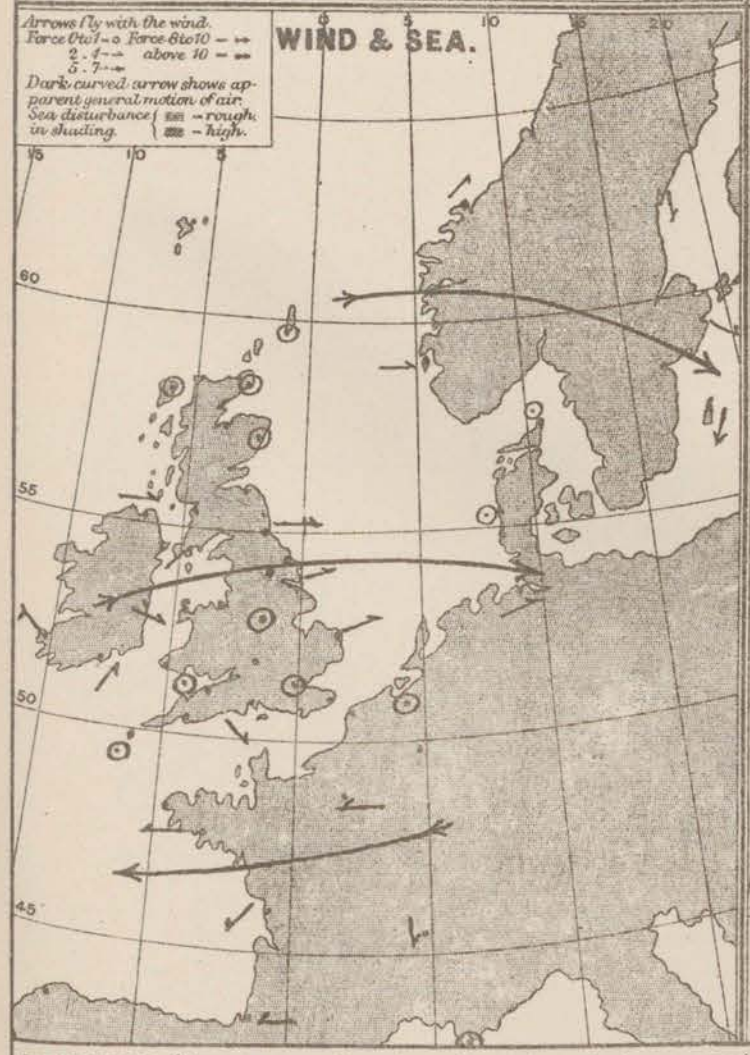
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Sunday 5th Nov.r 1876







REMARKS. This morning's chart shows that while the barometer has risen at nearly all our own, and the French stations, it has begun to fall briskly in the W. of Norway, and the N. of Scotland, and the change appears to have extended in a less degree to all our stations during the past night. A large depression is apparently advancing towards Christiansund from the NW.d, and slight gradients for W.d winds prevail over the North Sea, while over Ireland, England and France readings are very uniform. Over these Islands variable airs are reported, but on the E.n shores of the North Sea the wind is light from the W.d, and from the E.d over France. Temperature has risen a little in most places, but fallen several degrees in the Netherlands, and NE. of France, while in the Gulf of Bothnia a sharp frost prevails. The sky is overcast generally, with fog in the east of England, and rain in Scotland, and the west of Norway. The sea is moderate to calm.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Director.

Dangerfield, lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT Nov^R 6TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·06	23	N	2	c	30·24	+ ·21	14	14	− 7	N	2	b	*	*	*	—
Hernösand	30·06	22	SE	3	o	30·20	+ ·11	25	23	+ 8	NNE	2	be	*	*	*	—
Stockholm	29·99	20	N	o	a	29·89	− ·19	4	31	+ 4	E	6	s	*	*	*	—
Wisby	30·02	27	NW	4	be	29·82	− ·21	33	32	o	S	6	s	*	*	*	0·24
Christiansund	29·89	35	NE	1	c	30·13	+ ·17	32	32	− 6	SSW	1	b	3	?	28	—
Skudesnaes	29·90	42	NNW	6	r	30·04	− ·09	32	?	− 12	NNW	4	b	2	45	?	—
Oxö (Ytiansand)	29·76	45	WSW	6	o	29·90	− ·29	36	34	o	NNE	7	b	4	45	34	—
Skagen (The Skaw)	29·87	43	WNW	6	r	29·74	− ·44	33	31	− 5	NE	6	o	7	44	32	0·32
Fanö	30·02	44	WSW	4	be	29·84	− ·40	39	36	+ 5	N	4	be	*	44	39	0·16
Cuxhaven	30·17	*	*	*	*	29·82	− ·45	47	46	+ 7	N	5	be	*	?	?	0·07
Sumburgh Head	30·34	40	NNE	3	b	30·31	+ ·21	39	36	− 6	N	3	c	3	47	36	0·03
Stornoway	30·34	48	NNW	3	be	30·37	+ ·17	40	39	− 7	NNW	1	be	2	52	39	0·02
Thurso	30·18	48	WNW	2	o	30·33	+ ·18	43	39	− 6	N	3	c	3	52	42	0·03
Wick	30·29	48	NW	1	o	30·33	+ ·19	47	46	− 2	SW	1	b	0	50	46	—
Nairn	30·21	49	NW	1	r	30·35	+ ·16	42	40	− 6	NW	2	b	2	52	42	0·18
Aberdeen	30·15	49	NNW	2	o	30·29	+ ·12	41	39	− 6	[illegible]	3	be	3	53	41	0·04
Leith	30·18	53	N	o	c	30·32	+ ·12	45	43	− 6	ENE	3	be	*	58	43	0·05
Shields	30·33	52	W	1	b	30·37	+ ·14	46	42	− 3	N	2	be	3	53	45	0·04
York	30·17	53	W	1	o	30·25	− ·02	47	45	o	N	4	o	*	55	45	0·01
Scarborough	30·14	52	WSW	2	m	30·34	·00	46	43	− 2	N	5	be	5	52	46	0·10
Nottingham	30·22	57	W	1	o	30·27	− ·03	48	46	o	N	3	c	*	54	47	0·02
Ardrossan	30·23	55	WNW	2	c	30·32	+ ·08	46	45	− 7	E	2	f	1	51	41	—
Greencastle	30·38	52	NNW	1	o	30·35	+ ·03	48	47	− 4	NNW	2	o	*	55	45	0·08
Donaghadee	30·27	52	SW	2	c	30·29	·00	48	48	− 3	WNW	3	c	2	55	48	0·01
Kingstown	30·30	53	WNW	4	c	30·32	− ·01	52	51	+ 1	WNW	4	cg	3	53	50	—
Holyhead	30·27	53	WNW	2	m	30·28	− ·00	52	51	o	NNW	4	c	3	54	52	0·01
Liverpool (Exclusive)	30·24	57	W	3	o	30·27	− ·03	50	49	− 1	NW	1	o	1	53	49	0·02
Valencia	30·32	54	WNW	1	o	30·33	+ ·05	54	53	o	N	o	f	0	58	52	—
Roche's Point	30·36	54	SSW	4	o	30·38	− ·04	52	50	− 1	N	1	o	2	56	50	—
Pembroke	30·30	53	NW	1	c	30·30	− ·05	53	52	o	NNW	1	c	1	55	52	—
Portishead	30·27	53	WSW	3	o	30·26	− ·07	52	50	+ 2	N	1	o	1	56	48	—
Scilly	30·34	55	N	1	o	30·33	− ·06	55	54	+ 1	NNE	2	o	1	57	53	—
Plymouth	30·31	53	W	1	o	30·28	− ·08	51	50	+ 2	NW	1	be	*	58	48	0·01
Hurst Castle	30·25	55	NW	1	o	30·23	− ·07	50	50	− 1	N	2	bew	2	58	47	0·01
Dover	30·25	49	SSW	2	c	30·16	− ·07	50	48	+ 2	N	3	c	2	52	47	0·02
London	30·26	54	W	1	o	30·21	− ·11	50	48	+ 3	NE	1	cm	*	53	52	—
Oxford	*	*	*	*	*	30·24	− ·08	51	49	+ 3	WNW	1	m	*	56	48	—
Cambridge	30·22	52	SW	1	o	30·21	− ·10	45	44	o	NW	1	be	*	54	44	0·01
Yarmouth	30·18	48	WSW	3	f	30·15	− ·16	47	45	+ 3	NNW	4	c	4	50	44	0·11
The Helder	*	*	*	*	*	30·00		48	46		NNW	4	o	*	*	*	0·63
Cape Gris Nez	30·26	46	SSW	2	o	30·15	− ·19	52	50	+ 11	NNW	4	o	4	?	41	—
Brest	?	55	N	1	b	?	?	54	52	o	NNW	2	o	3	59	48	—
L'Orient	30·36	54	NW	1	b	30·32	− ·07	52	50	o	NNW	1	o	2	59	48	—
Rochefort	30·30	55	N	1	o	30·29	− ·07	45	45	− 5	NE	1	m	1	59	37	—
Biarritz	30·29	55	NNE	2	c	30·26	− ·08	43	41	− 3	ENE	3	be	2	59	41	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·06	− ·30	46	*	+ 13	WNW	3	r	*	*	*	*
Charleville	*	*	*	*	*	? 30·06	− ·25	35	*	+ 2	SW	1	o	*	*	*	*
Paris	30·30	44	ENE	3	m	30·15	− ·20	50	*	+ 9	NW	3	r	*	*	*	0·32
Lyons	*	*	*	*	*	?	?	46	*	+ 6	NE	2	b	*	*	*	*
Toulon	30·20	54	E	3	be	30·13	+ ·07	48	45	− 4	E	4	be	4	59	?	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29·93	45	45	N	6	f	5
Thurso							
Scarborough							
Greencastle							*
Holyhead							
Valencia							
Scilly							
London							*
Rochefort	30·31	55	52	NW	1	o	3

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Monday 6th Novr 1876

REMARKS Yesterday morning a fall of the barometer was reported from Christiansund, and during the day a rather deep depression advanced towards that station from the NWrd. It has since passed across Norway, and lies this morning over Denmark and the Sound. During its passage it caused a brisk decrease of pressure at the Scandinavian, Scotch and our east coast stations but scarcely affected our more western ports; so that the highest readings have become established in the west, and rather steep gradients for Nth winds prevail over the North Sea. Breezes from N. are experienced on almost all coasts; they are very light in the west of our Islands, increase to a moderate breze in the east, and to a strong wind in the west of Norway, while in the south of Sweden – i.e. – to the NEwd of the disturbance strong SEth to Eth winds are reported. Temperature, after rising a little generally yesterday, has fallen quickly over Scotland and the west of Norway, and the change is apparently extending Swd, though very little alteration had taken place in the south at 8am. The sky is clear or nearly so in the north but cloudy or overcast in the south. Snow is reported from Stockholm and Wisby. The sea is high at the Sound, moderate to smooth elsewhere.

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Meteorological Office,
116, Victoria Street, Westminster. S.W.

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DAILY WEATHER REPORT Nov^R 7TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·46	22	N	2	o	30·58	+ ·36	20	19	+ 6	N	2	o	*	*	*	–
Hernösand ...	30·42	26	NNE	4	c	30·54	+ ·34	24	23	– 1	N	2	c	*	*	*	0·04
Stockholm ...	30·02	44	E	6	c	30·24	+ ·35	33	32	+ 2	ENE	6	c	*	*	*	0·16
Wisby														*	*	*	
Christiansund ...	30·27	28	ESE	2	b	30·38	+ ·25	27	25	– 5	E	3	b	2	34	23	–
Skudesnaes ...	30·10	34	N	4	b	30·26	+ ·22	37	31	+ 5	ENE	6	c	4	37	32	–
Oxö (Christiansand)	29·93	35	NNE	7	bc	? 30·14	? + ·24	35	31	– 1	NE	8	s	5	37	32	–
Skagen (The Scaw)																	–
Fanö	29·84	35	N	6	c	29·84	·00	35	34	– 4	NNE	6	bc	*	39	34	–
Cuxhaven ...	29·90	*	*	*	*	29·65	– ·14	39	39	– 8	N	5	c	*	?	?	
Sumburgh Head	30·32	37	N	3	b	30·37	+ ·06	40	36	+ 1	N	3	b	3	42	35	0·02
Stornoway	30·38	42	NNE	1	o	30·36	– ·01	40	38	0	ENE	1	bc	4	45	?	–
Thurso	30·35	43	NNE	3	o	30·36	+ ·03	42	39	– 1	NNE	2	bc	3	45	41	–
Wick	30·33	41	N	2	o	30·36	+ ·03	38	36	– 9	N	2	bc	1	?	32	0·09
Nairn	30·35	43	NW	3	o	30·38	+ ·03	34	34	– 8	ESE	1	o	4	44	34	0·02
Aberdeen ...	30·29	40	N	3	b	30·30	+ ·01	36	35	– 5	NNW	2	b	3	44	36	0·02
Leith	30·34	45	ENE	3	b	30·33	+ ·01	35	34	– 10	WSW	2	c	*	54	34	–
Shields	30·29	41	NNW	3	o	30·27	– ·10	42	39	– 4	NE	2	b	5	47	38	0·11
York	30·28	43	N	3	o	30·25	·00	38	37	– 9	WNW	4	c	*	50	35	0·02
Scarborough ...	30·24	46	NNW	5	b	30·22	– ·02	42	39	– 4	N	4	b	5	47	42	0·10
Nottingham ...	30·29	42	N	1	bc	30·26	– ·01	37	35	– 11	NNW	2	b	*	50	35	–
Ardrossan ...	30·25	44	NE	1	o	30·36	+ ·04	34	32	– 12	NE	1	bm	1	47	33	–
Greencastle ...	30·21	47	NNW	2	bc	30·30	·00	42	39	– 6	E	2	o	*	52	39	–
Donaghadee ...	30·32	48	SSE	3	c	30·33	+ ·04	43	40	– 5	ENE	4	b	2	57	43	–
Kingstown ...	30·31	57	NE	3	c	30·30	– ·02	48	45	– 4	E	4	o	3	53	47	–
Holyhead ...	30·28	50	N	2	c	30·30	+ ·02	43	41	– 9	E	3	bc	2	54	42	–
Liverpool (Bidston)	30·30	46	N	1	o	30·30	+ ·03	35	34	– 15	NE	1	b	1	50	35	–
Valencia	30·30	55	N	o	o	30·23	– ·10	52	51	– 2	SE	1	o	1	57	57	–
Roche's Point...	30·24	54	SSE	1	o	30·25	– ·08	51	49	– 1	E	4	o	3	56	50	–
Pembroke ...	30·29	50	N	1	o	30·26	– ·04	46	44	– 7	NE	3	m	1	55	46	–
Portishead ...	30·27	48	S	1	o	30·26	·00	40	39	– 12	N	3	b	2	60	35	–
Scilly	30·30	55	N	3	o	30·23	– ·09	54	53	– 1	NNE	3	o	2	56	53	–
Plymouth ...	30·26	54	N	o	o	30·23	– ·05	47	46	– 4	NE	1	bc	*	58	45	–
Hurst Castle ...	30·24	51	NE	2	bc	30·21	– ·02	38	38	– 12	N	2	b	1	54	34	–
Dover	30·21	45	N	2	b	30·14	– ·02	39	37	– 11	NNW	4	c	2	51	38	–
London	30·26	47	N	1	b	30·20	– ·01	36	35	– 14	NW	1	cf	*	57	30	–
Oxford	*	*	*	*	*	30·25	+ ·01	35	34	– 16	N	1	f	*	57	33	–
Cambridge ...	30·26	43	N	1	o	30·20	– ·01	35	34	– 10	NW	1	bc	*	57	34	–
Yarmouth ...	30·17	45	NNW	4	b	30·11	– ·04	41	38	– 6	NNE	5	bq	5	48	39	0·14
The Helder... ...	*	*	*	*	*	29·94	– ·06	45	40	– 3	NNW	5	c	*	*	*	0·08
Cape Gris Nez	30·20	48	N	5	o	30·12	– ·03	43	41	– 9	N	4	bc	3	54	41	–
Brest	?	57	NNE	1	o	?	?	52	50	– 2	N	2	o	2	59	50	–
L'Orient	30·27	54	NNW	3	c	30·22	– ·10	? 55	46	+ 3	NE	2	m	2	57	45	–
Rochefort ...	30·22	57	NW	3	o	30·15	– ·14	50	48	+ 5	NE	3	o	3	59	41	–
Biarritz	30·23	55	NW	3	b	30·14	– ·12	45	43	+ 2	E	2	c	2	59	39	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·04	– ·02	39	*	+ 7	X	0	c	*	*	*	0·40
Charleville ...	*	*	*	*	*	? 29·97	– ·09	39	*	+ 4	WSW	3	o	*	*	*	*
Paris	30·18	50	NW	3	o	30·13	– ·02	42	*	– 8	WNW	3	m	*	*	*	–
Lyons	*	*	*	*	*	?	?	49	*	+ 3	N	2	c	*	*	*	*
Toulon	30·04	50	NW	3	b	29·95	– ·18	46	41	– 2	N	2	b	5	55	?	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·09	36	32	N	2	b	2
Thurso	30·35	45	40	NNE	3	c	3
Scarborough ...	30·24	47	44	NNW	1	o	5
Greencastle ...	30·32	57	49	N	1	o	*
Holyhead	30·29	53	51	N	3	og	2
Valencia	30·31	56	54	X	o	o	1
Scilly	30·32	55	55	N	3	o	2
London	30·24	50	47	NNW	3	bc	*
Rochefort ...	30·23	59	55	NW	2	b	3

The barometer has fallen slightly both at Rochefort and Valentia, but elsewhere it is unchanged. The winds continue N4.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 7th Novr 1876

REMARKS The depression which lay over the Sound yesterday morning has travelled slowly in a S. direction, and is now found over North Germany. The barometer has fallen in its immediate neighbourhood, and also at all the more southern stations but in Scotland it has risen somewhat, and over Scandinavia briskly. In consequence of these changes the area of highest pressure has been transferred from the west of our Islands to the north of Sweden, and the gradients for N. winds which prevailed generally yesterday are disappearing. In the south east, however, they still hold, and, being rather steep in the neighbourhood of the disturbance a fresh N. gale is reported from Cuxhaven. On our east coast also the wind is N. but very light in force but in the west of England it draws into NE, and over Ireland into E. Temperature has fallen except in the west of France, the change over the central and south-eastern parts of England and the south of Scotland varying from two to sixteen degrees. In London a thermometer on the grass fell to 22°, while at nearly all our inland stations a sharp frost was felt on the ground last night. A little rain has fallen in the north east but the weather is generally dry. The sky this morning is clear over S. Britain but cloudy elsewhere, with snow at Oxs. The sea is rough on both shores of the German Ocean but slight to smooth elsewhere.

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Director.

Dangerfield, lith. 22, Bedford St Covent Garden

DAILY WEATHER REPORT Novr 8th 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·73	16	ENE	2	o	30·83	+ ·25	15	15	− 5	N	2	o	*	*	*	–
Hernösand ...	30·67	25	NNE	4	b	30·75	+ ·21	24	21	o	NNE	4	o	*	*	*	0·04
Stockholm ...	30·39	32	ENE	6	o	30·47	+ ·23	31	28	− 2	ENE	6	o	*	*	*	–
Wisby														*	*	*	
Christiansund ...	30·46	27	ESE	4	b	30·53	+ ·15	27	25	o	SE	3	b	2	28	25	–
Skudesnaes ...	30·36	34	NE	6	c	30·41	+ ·15	34	28	− 3	ENE	6	c	4	37	34	–
Oxö (Xtiansand)																	
Skagen (The Skaw)																	
Fanö	30·04	33	N	5	o	30·08	+ ·24	31	31	− 4	NE	4	c	*	37	30	0·04
Cuxhaven ...	29·79	*	*	*	*	29·95	+ ·27	35	35	− 4	NE	5	b	*	?	?	0·03
Sumburgh Head	30·37	37	NNE	2	b	30·38	+ ·01	37	32	− 3	NE	2	b	2	43	34	0·03
Stornoway	30·35	35	ENE	1	b	30·31	− ·05	34	32	− 6	SE	1	b	4	43	29	–
Thurso	30·36	37	ENE	1	b	30·34	− ·02	32	30	− 10	Z	o	bc	1	39	28	–
Wick	30·25	38	E	2	bc	30·32	− ·04	38	34	o	SE	2	b	3	46	31	–
Nairn	30·37	35	ENE	2	o	30·32	− ·06	32	32	− 2	ENE	1	bc	2	39	32	0·31
Aberdeen ...	30·32	36	N	2	b	30·27	− ·03	34	33	− 2	NNE	1	s	2	44	33	0·07
Leith	30·32	42	ENE	3	bc	30·26	− ·07	37	35	+ 2	ENE	3	c	*	49	32	0·02
Shields	30·27	43	NE	4	b	30·23	− ·04	35	34	− 7	SW	1	o	4	46	33	0·31
York	30·25	37	N	1	b	30·20	− ·05	32	32	− 6	N	1	c	*	47	30	0·01
Scarborough ...	30·23	42	NE	5	b	30·17	− ·05	42	38	o	ENE	5	c	4	44	39	0·07
Nottingham ...	30·24	38	NNW	2	b	30·18	− ·08	32	31	− 5	NNW	3	b	*	46	29	–
Ardrossan ...	30·34	35	NNE	1	b	30·29	− ·07	30	28	− 4	NNW	1	bm	o	44	29	–
Greencastle ...	30·27	42	E	2	o	30·21	− ·09	33	32	− 9	NE	1	b	*	46	31	–
Donaghadee ...	30·29	42	E	3	bc	30·22	− ·11	40	38	− 3	ENE	5	b	3	45	40	–
Kingstown ...	30·27	48	SSE	4	o	30·18	− ·12	46	42	− 2	ESE	4	c	3	50	44	–
Holyhead ...	30·27	43	E	2	b	30·19	− ·11	37	36	− 6	E	2	b	2	47	36	–
Liverpool (Bidston	30·27	41	NE	2	b	30·21	− ·09	34	33	− 1	NE	1	c	1	44	32	–
Valencia	30·18	52	SSE	3	r	30·24	− ·19	47	46	− 5	SE	3	r	3	58	46	0·08
Roche's Point...	30·22	50	ESE	4	o	30·16	− ·09	47	45	− 4	SSE	5	r	4	54	45	0·28
Pembroke ...	30·24	45	ENE	2	m	30·16	− ·10	38	36	− 8	ENE	2	b	1	47	37	–
Portishead ...	30·23	42	NNE	2	m	30·17	− ·09	32	32	− 8	NNE	3	m	1	52	28	–
Scilly	30·19	52	SE	4	o	30·10	− ·13	46	45	− 8	E	6	s	3	55	46	0·18
Plymouth ...	30·21	45	NE	3	o	30·14	− ·09	37	36	− 10	NE	1	b	*	49	36	–
Hurst Castle ...	30·19	43	N	2	b	30·12	− ·09	33	33	− 5	NE	2	b	1	46	31	–
Dover	30·11	41	NNW	4	b	30·02	− ·12	39	36	o	N	4	cgw	2	46	37	0·04
London	30·19	42	N	1	b	30·11	− ·09	33	32	− 3	Z	o	f	*	46	30	–
Oxford	*	*	*	*	*	30·15	− ·10	30	30	− 5	N	1	b	*	49	29	–
Cambridge ...	30·18	39	N	3	r	30·11	− ·09	33	32	− 2	NNW	1	b	*	47	31	0·13
Yarmouth ...	30·11	41	NNE	6	c	30·06	− ·05	39	38	− 2	NNE	7	bcg	5	45	37	0·23
The Helder. ...	*	*	*	*	*	30·00	+ ·06	36	36	− 9	NE	1	3	*	*	*	0·35
Cape Gris Nez	30·09	43	N	6	c	30·01	− ·11	36	36	− 7	E	3	r	4	46	36	0·24
Brest		55	NE	2	b	?	?	45	43	− 7	SE	2	o	2	57	43	–
L'Orient	30·19	46	E	3	b	30·08	− ·14	41	39	− 14	E	3	o	2	55	39	–
Rochefort ...	30·10	54	E	3	o	30·04	− ·11	?	39	?	ESE	3	o	3	57	43	–
Biarritz	30·06	55	NNW	3	bc	29·95	− ·19	41	39	− 4	ENE	4	c	2	57	39	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*				*					*	*	*	*
Charleville ...	*	*	*	*	*	29·99	− ·05	33	*	− 6	WNW	1	c	*	*	*	*
Paris	30·10	42	NNW	3	b	? 29·91	− ·06	34	*	− 5	WNW	1	c	*	*	*	–
Lyons	*	*	*	*	*	30·02	− ·11	35	*	− 7	NW	2	b	*	*	*	*
Toulon						?	?	46	*	− 3	NE	2	o	*	*	*	*

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·32	36	30	ENE	6	o	3	Valencia	30·19	56	53	SSE	1	c	2
Thurso	30·36	46	40	NE	2	b	3	Scilly	30·20	54	52	E	3	o	2
Scarborough ...	30·22	44	39	NNE	5	bc	5	London	30·18	45	40	NW	1	bc	*
Greencastle ...	30·30	44	40	E	3	o	*	Rochefort ...	30·12	55	52	E	3	o	3
Holyhead	30·28	46	43	E	3	c	2								

The barometer is remarkably steady at our more N^rn stations but is falling slowly in the S. On our N E coast a fresh N E^ly breeze is reported, and light E^ly winds elsewhere.

EXPLANATION OF COLUMNS.

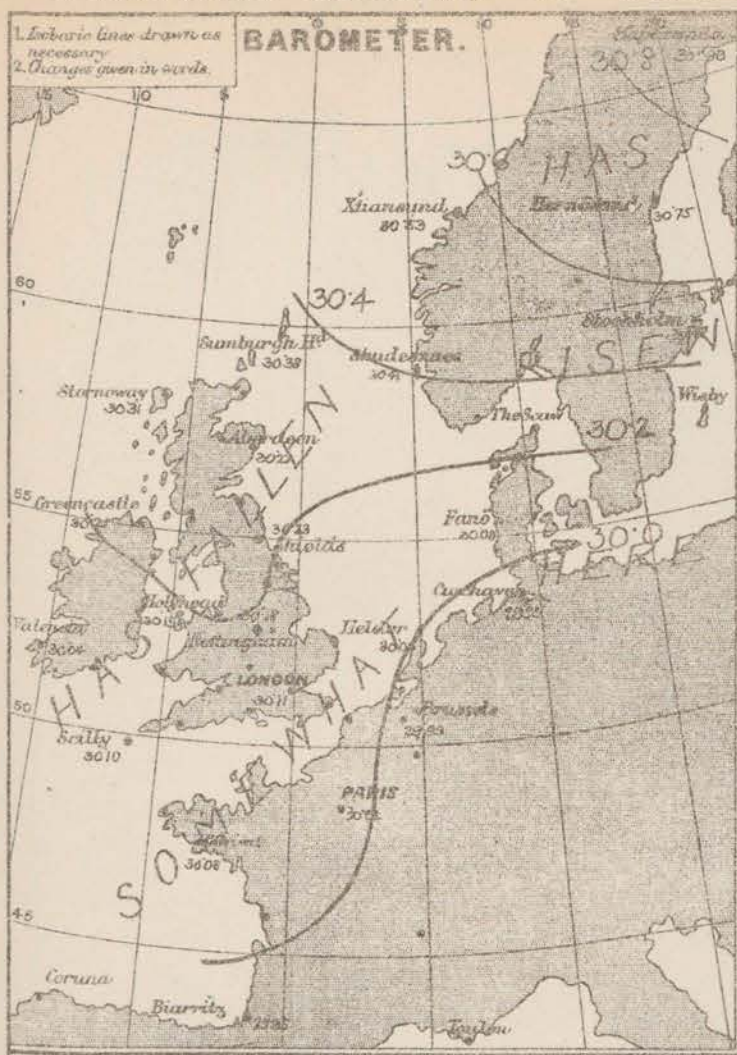
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally: r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Wednesday 8th Nov. 1876



REMARKS The depression noticed over North Germany yesterday morning appears to have continued its course S. and a recovery has commenced over Denmark and Holland while in Norway and Sweden the barometer still rises, and at Haparanda is as high as 30·83 in. Over France and the whole of these Islands, however, the mercury is falling. Pressure is highest to the N. of our Islands, so that gradients for E. breezes prevail generally but owing to the low readings over Germany NE. winds are reported at all the south eastern stations, while in Ireland the wind is drawing into SE, the decrease of pressure having been rather greater in that country than elsewhere. On most coasts the wind is light in force but at Yarmouth it blew strongly, and at some of our south western stations probably. Temperature has fallen everywhere and is low generally, particularly over Central and southern England, where a sharp frost was experienced on the ground last night. In London a thermometer on the grass fell to 24°, and a thick hoar frost was formed. The sky is generally clear but mist is falling in the south west, snow at Aberdeen and the Helder, while at nearly all our more eastern stations snow, hail or sleet has fallen. Aurora was seen at Nottingham last morning. The sea is rather rough at Yarmouth, moderate to slight elsewhere.

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DAILY WEATHER REPORT Novr 9th 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·72	10	N	2	b	30·61	− ·22	13	12	− 2	N	2	o	*	*	*	—
Hernösand ...	30·76	24	N	4	o	30·62	− ·13	19	18	− 5	N	2	c	*	*	*	0·08
Stockholm ...	30·48	26	NE	6	o	30·48	+ ·01	26	25	− 5	NE	6	o	*	*	*	—
Wisby														*	*	*	
Christiansund ...	30·54	27	SE	3	b	30·49	− ·04	25	23	− 2	ESE	3	b	2	28	25	—
Skudesnaes ...	30·39	35	ENE	8	o	30·39	− ·02	32	28	− 2	ENE	6	c	4	?	?	—
Oxö (Xtiansand)	30·32	30	NNE	8	s	30·35		28	27		NE	4	s	6	30	28	—
Skagen (The Skaw)	30·32	33	SSE	9	c	30·30		30	28		ENE	9	c	9	36	28	—
Fanö	30·15	32	ENE	4	b	30·12	+ ·04	31	30	o	ENE	6	c	*	34	28	—
Cuxhaven ...	30·00	*	*	*	*	30·00	+ ·05	32	32	− 3	E	3	b	*	?	?	—
Sumburgh Head	30·38	37	SE	3	b	30·37	− ·01	37	33	o	E	2	c	3	41	32	0·18
Stornoway	30·28	36	ESE	3	b	30·28	− ·03	32	30	− 2	ESE	1	b	4	40	33	—
Thurso	30·32	34	E	1	be	30·31	− ·03	33	32	+ 1	Z	o	be	2	45	31	0·16
Wick	30·32	35	E	4	r	30·28	− ·04	38	34	o	E	5	be	6	41	33	0·24
Nairn	30·31	32	Z	o	b	30·29	− ·03	?26	?26	− 6	Z	o	b	3	36	25	0·23
Aberdeen ...	30·26	37	E	3	b	30·22	− ·05	38	34	+ 4	ENE	6	be	8	39	33	0·42
Leith	30·24	34	ENE	3	o	30·17	− ·09	35	34	− 2	ENE	1	o	*	44	32	0·72
Shields	30·15	40	ENE	5	o	30·10	− ·13	40	36	+ 5	ENE	5	b	5	42	34	0·26
York	30·12	35	NE	1	s	30·07	− ·13	34	34	+ 2	E	1	o	*	41	29	0·34
Scarborough ...	30·09	40	NE	5	c	30·04	− ·16	41	37	− 1	ENE	5	c	5	41	35	0·23
Nottingham ...	30·07	33	N	3	b	30·02	− ·14	33	32	+ 1	NE	3	ow	*	41	31	0·01
Ardrossan ...	30·22	35	ENE	3	b	30·18	− ·11	33	31	+ 3	NE	4	b	2	40	29	—
Greencastle ...	30·16	38	ENE	3	o	30·15	− ·06	37	35	+ 4	E	2	b	*	46	31	—
Donaghadee ...	30·16	40	ESE	5	b	30·14	− ·08	38	35	− 2	E	6	b	4	42	37	—
Kingstown ...	30·12	42	E	4	c	30·10	− ·08	42	38	− 4	NE	4	be	4	47	38	0·01
Holyhead ...	30·12	38	NE	2	c	30·06	− ·13	40	37	+ 3	NNE	4	c.h.p	3	45	37	0·01
Liverpool (Bidston)	30·11	37	NE	2	b	30·05	− ·16	33	32	− 1	NNE	2	b	1	41	31	—
Valencia	29·99	43	SE	4	r	30·02	− ·02	42	?38	− 5	E	4	be	4	49	39	0·07
Roche's Point...	30·06	42	ESE	5	o	30·05	− ·11	37	34	− 10	NE	3	b	3	44	35	0·15
Pembroke ...	30·06	40	E	2	be	30·05	− ·11	34	33	− 4	ENE	2	b	1	43	32	—
Portishead ...	30·05	40	NE	3	be	29·99	− ·18	35	34	+ 3	NNE	5	ow	3	41	29	—
Scilly	30·03	41	E	5	r	29·99	− ·11	42	40	− 4	ENE	5	c	4	47	40	0·29
Plymouth ...	30·04	38	NE	2	b	29·99	− ·15	34	32	− 3	NE	3	be	*	44	32	—
Hurst Castle ...	30·01	41	N	3	b	29·96	− ·16	37	37	+ 4	NNE	3	be	2	44	30	—
Dover	29·94	35	N	3	o	29·92	− ·10	38	35	− 1	SSE	1	be	1	43	34	0·06
London	30·00	37	N	1	b	29·96	− ·15	35	35	+ 2	NE	1	o.g.f	*	42	31	0·01
Oxford	*	*	*	*	*	29·99	− ·16	34	33	+ 4	N	1	m	*	41	30	0·01
Cambridge ...	29·99	34	N	2	o	30·01	− ·10	32	32	− 1	N	2	f	*	44	31	0·09
Yarmouth ...	29·97	37	ENE	4	r	29·97	− ·09	38	35	− 1	E	5	be	4	41	33	0·52
The Helder... ...	*	*	*	*	*	29·98	− ·02	32	30	− 4	ENE	1	be	*	*	*	0·12
Cape Gris Nez	29·90	37	N	3	c	29·95	− ·06	30	28	− 6	E	1	b	0	39	28	0·78
Brest	?	32	NE	1	o	?	?	39	37	− 6	E	2	o	2	50	37	—
L'Orient	29·88	43	ENE	3	c	29·94	− ·14	39	37	− 2	ENE	3	o	3	50	37	—
Rochefort ...	29·91	50	ENE	3	o	29·88	− ·14	37	37	?	ESE	3	o	3	55	37	—
Biarritz	29·84	54	ENE	3	c	29·85	− ·10	34	32	− 7	ENE	3	c	2	50	32	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·94	− ·05	34	*	+ 1	E	1	s	*	*	*	*
Charleville ...	*	*	*	*	*	?29·88	− ·03	34	*	− 10	ENE	3	b	*	*	*	0·01
Paris	29·94	35	SE	3	b	29·90	− ·12	34	*	− 1	SE	2	m	*	*	*	*
Lyons	*	*	*	*	*	?	?	40	*	− 6	N	2	b	*	*	*	0·08
Toulon	29·79	45	E	2	o	29·75	− ·09	45	39	+ 11	NN	2	c	3	50	39	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·39	35	28	ENE	6	c	5	Valencia	29·98	47	45	ESE	3	g	4
Thurso	30·37	41	37	E	2	b	2	Scilly	30·04	45	41	E	4	o	3
Scarborough ...	30·09	41	37	NE	5	be	5	London	30·03	41	37	NW	2	b	*
Greencastle ...	30·18	44	39	E	2	b	*	Rochefort ...	29·95	48	43	ESE	3	o	3
Holyhead	30·13	43	40	ESE	3	be	2								

The barometer is falling slowly on all our coasts. The winds are almost unchanged and slight showers of hail and sleet are still experienced in the E.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* **AN ASTERISK** is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Thursday 9th Novr 187

REMARKS During the past 24 hours the barometer has been falling at all but the North German stations, where it is inclined to rise a little; and this morning's observations show that while pressure is still highest in the north of Scandinavia and lowest over the Mediterranean the gradients (for E^ly winds) are slight except over the north eastern parts of the North Sea. The ENE^ly and E^ly winds which prevail are consequently of moderate strength in most places but blow very freshly along our eastern coasts, while a stiff gale is felt from the same quarter in the Skager Rack. Temperature has again fallen at the Continental stations as well as in Ireland and Scotland but has risen over England. In London it became very low last evening, but shortly before 10 pm rose suddenly from 31° to 36° in the shade, the change being accompanied by a little sleet. Thunder and lightning occurred at Leith and Yarmouth last night. A great deal of snow has fallen at our north eastern stations, the amount at Leith (when melted) measuring no less than 0·72 in while 0·6 in fell at Aberdeen and 0·3 in at York. The sky is now clear on all our coasts as well as in North Germany and the east of France but cloudy elsewhere and snow is falling at Orléans. The sea is very high in the north east, rough in the east, slight in the west and south.

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Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Danfierfield, lith. 22 Bedford St Covent Garden

DAILY WEATHER REPORT Nov^R 10TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Hsparanda ...	30·51	13	N	2	o	30·33	− ·28	10	9	− 3	N	3	o	*	*	*	—
Hernösand ...	30·39	?	N	2	o	30·23	− ·39	19	18	o	N	2	c	*	*	*	0·04
Stockholm ...	30·21	23	NNE	6	o	30·08	− ·40	21	19	− 5	N	2	o	*	*	*	—
Wisby	30·16	29	NE	6	o	30·04		30	30		NNE	6	o	*	*	*	0·04
Christiansund ...	30·38	24	ESE	2	b	30·23	− ·36	26	24	+ 1	SSW	1	bc	2	?	19	—
Skudesnaes ...	30·32	29	ENE	4	bc	30·22	− ·17	31	28	− 1	ESE	4	m	3	32	28	—
Oxö (Christiansund)	30·28	27	NNE	6	s	30·24	− ·11	23	21	− 5	?	4	c	3	28	21	—
Skagen (The Skaw)	30·27	29	E	8	o	30·23	− ·07	28	25	− 2	E	4	o	4	32	25	—
Fanö	30·13	29	ENE	4	s	30·16	+ ·04	33	22	− 8	NE	4	c	*	30	21	—
Cuxhaven ...	29·99	*	*	*	*	30·04	+ ·04	30	27	− 2	W	1	o	*	?	?	—
Sumburgh Head	30·34	35	SE	2	o	30·24	− ·13	34	33	− 3	NE	1	c	2	40	30	0·01
Stornoway	30·23	34	ESE	1	b	30·18	− ·10	30	28	− 2	SE	1	c	4	37	28	—
Thurso	30·27	35	SE	1	o	30·24	− ·07	19	19	− 12	S	1	f	2	42	19	0·21
Wick	30·27	37	SE	1	o	30·23	− ·05	29	28	− 9	N	o	b	4	39	27	0·16
Nairn	30·26	30	N	o	b	30·25	− ·04	24	24	− 2	N	o	c	3	35	24	—
Aberdeen ...	30·24	37	ESE	4	b	30·23	+ ·01	28	25	− 10	W	1	c	4	48	28	0·02
Leith	30·21	33	E	1	c	30·23	+ ·06	30	30	− 5	W	1	cf	*	41	27	0·18
Shields	30·22	44	E	1	o	30·20	+ ·10	32	31	− 8	WNW	2	cm	6	42	31	0·26
York	30·07	34	E	1	s	30·17	+ ·10	26	26	− 8	N	1	b	*	38	24	0·49
Scarborough ...	30·11	39	E	6	bc	30·17	+ ·16	36	35	− 5	ENE	4	ds	4	41	36	0·10
Nottingham ...	30·08	35	WNW	3	c	30·18	+ ·16	29	29	− 4	NNW	1	b	*	40	26	—
Ardrossan ...	30·20	34	NE	3	b	30·23	+ ·05	27	?	− 6	NE	2	bm	1	39	27	—
Greencastle ...	30·13	39	E	3	b	30·13	− ·02	35	33	− 2	E	3	b	*	50	30	—
Donaghadee ...	30·15	40	ESE	5	b	30·16	+ ·02	40	36	+ 2	ESE	5	b	4	41	37	0·01
Kingstown ...	30·09	43	ESE	4	c	30·14	+ ·04	42	39	o	SE	4	bc	3	43	39	0·04
Holyhead ...	30·08	38	ENE	3	b	30·17	+ ·11	35	34	− 5	E	3	b	3	42	33	0·03
Liverpool (Bidston)	30·10	36	ENE	2	b	30·20	+ ·15	30	29	− 3	ENE	1	f	1	39	30	—
Valencia	30·05	41	E&E	o	b	29·97	− ·05	45	41	+ 3	SSE	5	o	5	47	39	—
Roche's Point...	30·07	41	E	1	c	30·05	·00	44	40	+ 7	SE	6	b	4	45	34	—
Pembroke ...	30·06	37	ENE	1	b	30·15	+ ·10	34	33	o	ENE	3	bc	1	42	31	—
Portishead ...	30·06	?	NNE	2	bc	30·18	+ ·19	32	32	− 3	N	3	f	3	39	26	—
Scilly	30·04	40	E	4	bc	30·15	+ ·11	45	41	+ 3	ESE	5	c	4	45	39	—
Plymouth ...	30·04	33	NE	2	b	30·15	+ ·16	30	28	− 4	NE	2	b	*	40	27	—
Hurst Castle ...	30·02	37	NNE	3	b	30·26	+ ·30	33	32	− 4	NNW	1	b	1	39	26	—
Dover	29·98	37	NE	3	b	30·12	+ ·20	33	32	− 5	NW	2	bc	1	39	37	0·08
London	30·04	37	N	1	bcm	30·14	+ ·18	34	33	− 1	NNE	1	cgm	*	39	33	—
Oxford	*	*	*	*	*	30·15	+ ·16	33	32	− 1	NNE	1	o	*	38	30	—
Cambridge ...	30·02	32	N	1	c	30·15	+ ·14	31	?	− 1	N	1	f	*	39	30	0·01
Yarmouth ...	30·01	37	NNW	2	b	30·11	+ ·14	33	32	− 5	NW	1	f	3	40	28	0·18
The Helder. ...	*	*	*	*	*	30·09	+ ·11	33	31	+ 1	N	o	bc	*	*	*	—
Cape Gris Nez	29·97	32	SSE	1	b	30·11	+ ·16	36	36	+ 6	E	2	c	3	36	30	0·28
Brest	?	48	E	2	b	?	?	37	36	− 2	SE	4	b	3	48	32	—
L'Orient	29·99	39	NE	3	b	30·16	+ ·22	34	32	− 5	ESE	3	m	3	45	32	—
Rochefort ...	29·97	48	NE	2	o	30·11	+ ·23	34	34	− 3	ESE	4	b	3	55	34	—
Biarritz	29·92	50	ENE	3	b	30·05	+ ·20	36	32	o	ENE	4	bc	2	52	32	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·02	+ ·18	35	*	+ 1	ENE	4	o	*	*	*	*
Charleville ...	*	*	*	*	*	30·02	+ ·14	35	*	+ 11	NNE	1	os	*	*	*	*
Paris	29·98	41	NE	3	b	30·14	+ ·24	29	*	− 5	NNW	3	m	*	*	*	
Lyons	*	*	*	*	*	?	?	40	*	o	NW	2	c	*	*	*	*
Toulon	29·97	45	W	4	b	29·94	+ ·19	37	28	− 8	NW	4	b	3	54	?	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·35	30	25	ENE	4	c	4
Thurso	30·28	40	37	SE	1	spc	3
Scarborough ...	30·06	38	37	E	6	s	5
Greencastle ...	30·13	45	40	E	2	bc	*
Holyhead	30·06	40	38	ENE	4	bbp	3
Valencia	30·02	47	40	ESE	4	bc	4
Scilly	30·00	43	39	E	4	b	4
London	29·99	39	36	NNE	2	bc	*
Rochefort ...	29·90	46	41	ENE	2	o	3

Pressure shows a slight increase at our S^m and E^m stations this afternoon, but is still decreasing somewhat in the NW and W. The winds reported show no important change.

EXPLANATION OF COLUMNS.

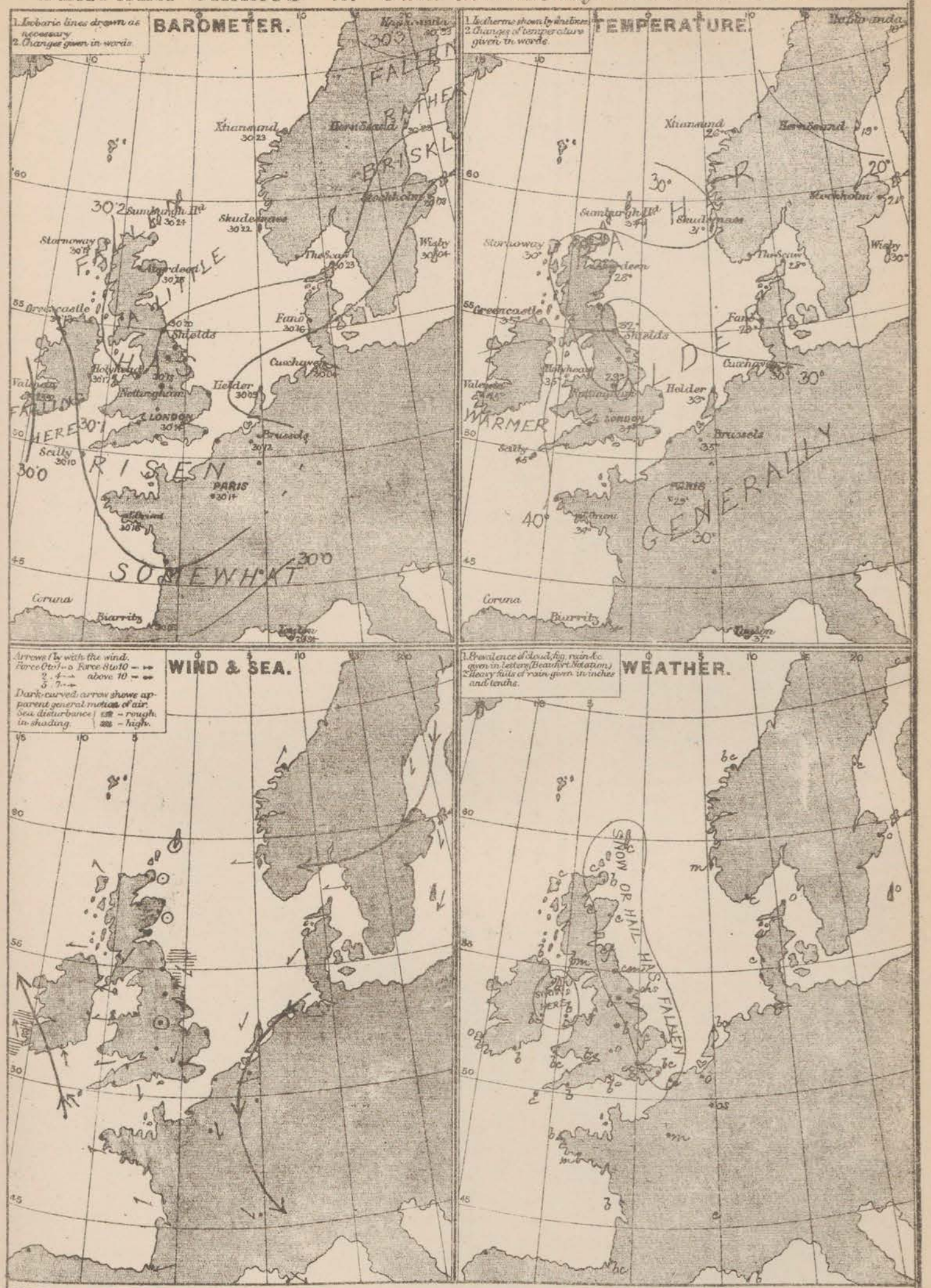
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Friday 10th Nov.r 1876



REMARKS Since yesterday the barometer has risen over France and the greater part of England, while it has fallen in the west and north of our Islands and over Scandinavia. In consequence readings have become much more uniform than they were but the general distribution of pressure is very irregular. It is high over Norway, Shetland, the North Sea and Holland and is lowest over the south of France but at Stockholm a brisk fall of the barometer has set in, and a depression is apparently lying over the Baltic, while on our south west coasts also the mercury has fallen during the night, and an area of low pressure seems to be lying off that coast. The winds vary considerably, being N.ly in the Baltic, and fresh from SE over the Bay of Biscay and our south west coasts, while light E.ly breezes or variable airs are reported elsewhere. Temperature has fallen except in the south west and is as low as 19° at Thurso. A sharp frost prevailed over the whole of G.Britain last night and snow has fallen at all the more eastern stations. The sky is now clear at some of our western and north western stations but is cloudy elsewhere, with fog or mist in many places. The sea is rough at Shields, rather so at Valencia but moderate to slight on our other coasts.

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DAILY WEATHER REPORT Nov^R 11TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·06	12	NW	4	b	30·06	− ·27	13	12	+ 3	NW	4	o	*	*	*	–
Hernösand ...	30·15	?	N	2	b	30·14	− ·09	15	15	− 4	N	o	o	*	*	*	–
Stockholm ...	30·05	22	NW	2	s	30·16	+ ·08	20	19	− 1	SW	2	bc	*	*	*	–
Wisby														*	*	*	
Christiansund ...	30·03	34	SW	7	o	30·03	− ·20	36	33	+ 10	SW	6	c	5	?	?	–
Skudesnaes ...	30·17	28	E	2	b	30·15	− ·09	46	24	− 5	ENE	2	b	1	?	?	–
Oxö (Xtiansand)	30·19	26	N	4	c	30·13	− ·11	32	32	+ 9	ESE	7	o	5	?	19	0·04
Skagen (The Skaw)	30·21	26	ESE	2	s	30·23	·00	25	22	− 3	WSW	2	c	2	30	21	0·04
Fanö	30·27	20	ESE	1	b	30·23	+ ·07	28	27	+ 5	SSE	4	c	*	28	16	–
Cuxhaven ...	30·23	*	*	*	*	30·27	+ ·23	24	25	− 4	S	2	cf	*	?	?	–
Sumburgh Head	30·17	33	ESE	3	b	30·02	− ·22	37	36	+ 3	SE	4	c	5	37	31	0·03
Stornoway	30·09	36	SSE	2	o	29·86	− ·32	37	34	+ 7	SE	3	o	4	39	29	–
Thurso	30·14	17	S	1	b	29·97	− ·27	35	34	+ 16	SE	2	c	1	35	18	0·08
Wick	30·14	19	Z	0	b	29·96	− ·27	37	35	+ 8	SE	4	c	4	37	16	0·26
Nairn	30·15	28	Z	0	c	29·94	− ·31	31	30	+ 7	Z	2	o	2	31	24	–
Aberdeen ...	30·15	27	NBW	1	b	29·98	− ·25	28	28	o	W	1	m	2	33	26	0·14
Leith	30·21	32	SSE	2	bc	29·96	− ·27	32	31	+ 2	SSE	2	o	*	42	26	0·03
Shields	30·17	35	NNW	2	c	30·00	− ·20	31	31	− 1	SSW	2	o m	3	36	30	0·03
York	30·20	32	NW	1	b	30·04	− ·13	29	29	+ 3	SE	1	b	*	38	24	–
Scarborough ...	30·18	36	WSW	1	b	30·04	− ·13	32	31	− 4	SW	2	b	2	40	30	0·08
Nottingham ...	30·20	32	NE	1	b	30·06	− ·12	31	30	+ 2	SSE	1	c	*	39	27	–
Ardrossan ...	30·14	33	NE	2	d	29·89	− ·34	33	32	+ 6	ENE	3	os	3	37	27	0·13
Greencastle ...	30·04	40	ESE	4	o	29·66	− ·47	41	40	+ 6	SE	5	o	*	42	33	0·22
Donaghadee ...	30·08	40	S	4	c	29·78	− ·38	43	43	+ 3	S	8	r	6	43	39	0·11
Kingstown ...	30·02	43	SSE	5	c	29·75	− ·39	46	40	+ 4	SSE	5	o	4	46	40	0·29
Holyhead ...	30·10	37	SSE	2	d	29·84	− ·33	41	38	+ 6	SSE	5	c	4	42	34	–
Liverpool (Bidston)	30·15	35	SE	2	b	29·95	− ·25	30	29	o	SE	3	m	2	39	29	–
Valencia	29·77	45	SSE	8	r	29·47	− ·50	57	47	+ 6	SSE	8	o	7	55	40	1·26
Roche's Point...	29·86	47	SSE	7	r	29·62	− ·43	49	46	+ 5	SSE	8	o	5	49	44	0·35
Pembroke ...	30·07	40	SSE	4	c	29·79	− ·36	44	41	+ 10	SE	7	c	5	46	34	–
Portishead ...	30·17	30	ESE	2	b	29·97	− ·21	32	32	o	SE	2	bc	2	41	28	–
Scilly	30·02	47	NSE	6	o	29·71	− ·39	47	41	+ 2	ESE	9	o	7	48	43	–
Plymouth ...	30·11	39	ENE	2	o	29·86	− ·29	42	38	+ 12	ESE	6	bc	m	45	30	–
Hurst Castle ...	30·17	35	E	1	b	29·98	− ·28	44	41	+ 11	SSE	5	bc	5	44	29	–
Dover	30·20	36	NNW	2	bc	30·13	+ ·01	38	35	+ 5	SSE	4	bc	3	41	31	–
London	30·22	36	NW	1	o	30·08	− ·06	34	34	o	SE	2	bc	*	38	22	–
Oxford	*	*	*	*	*	30·03	− ·12	34	33	+ 1	SE	1	c	*	36	30	–
Cambridge ...	30·20	31	S	1	b	30·09	− ·06	33	31	+ 2	S	1	c	*	40	25	–
Yarmouth ...	30·18	36	WNW	1	c	30·13	+ ·02	32	31	− 1	WSW	2	bm	3	38	26	0·01
The Helder ...	*	*	*	*	*	30·21	+ ·12	29	27	− 4	SE	2	bc	*	*	*	–
Cape Gris Nez	30·14	37	S	1	b	30·16	+ ·05	27	27	− 9	S	1	bc	1	39	27	0·04
Brest	?	46	SE	4	o	?	?	39	37	+ 2	SE	5	o	4	46	37	–
L'Orient	30·14	39	ESE	4	o	29·90	− ·36	34	32	o	E	6	o	4	46	32	–
Rochefort ...	30·16	48	ESE	5	b	29·84	− ·27	34	30	o	ESE	5	o	3	36	30	–
Biarritz	30·03	48	ENE	4	b	29·75	− ·30	46	43	+ 11	ESE	2	f	3	50	32	0·08
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·25	+ ·13	25	*	− 10	SSE	6	b	*	*	*	*
Charleville ...	*	*	*	*	*	? 30·21	+ ·19	22	*	− 13	NNE	3	b	*	*	*	*
Paris	30·25	33	NNW	2	b	30·17	+ ·03	46	*	− 3	ESE	3	bc	*	*	*	–
Lyons	*	*	*	*	*	?	?	34	*	− 6	SE	2	f	*	*	*	*
Toulon	30·03	56	NW	5	b	30·15	+ 21	41	37	+ 4	E	5	bc	4	48	41	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·18	28	27	ESE	2	c	3	Valencia	29·86	45	43	SSE	7	r	4
Thurso	30·19	27	25	S	1	b	1	Scilly	30·07	47	42	SE	6	o	4
Scarborough ...	30·17	38	36	WSW	2	sh.s	3	London	30·18	38	35	NNW	2	hm	*
Greencastle ...	30·06	41	38	ESE	3	o	*	Rochefort ...	30·14	46	39	ESE	4	b	3
Holyhead	30·13	41	37	SSE	3	c	2								

The barometer is rising in London and the West of France, but is falling elsewhere, and at Valencia rather briskly. In the South of Sweden the S^ly wind has increased with rain.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Saturday 11th Novr 1876

REMARKS Since yesterday morning the barometer has risen over Denmark, North Germany and the north east of France but has fallen in all other parts of Western Europe. The decrease on our western coasts has been brisk, so that the region of lowest pressure is now found to the N.W. of Ireland, and steep gradients for S. winds have been formed on our western and south western coasts. The wind has consequently shifted to S. or S.E. on all coasts, and though light in the east and south east increases in force in the west, and blows a fresh gale at Scilly and in the south of Ireland. The increase of temperature noticed in the south west yesterday has extended with the S. wind, and a rise is this morning reported from all except the eastern and south eastern stations. During the night a sharp frost prevailed over Central England, the minimum in the shade in London being 22° and that on the grass 18°, while during yesterday the thermometer in the shade at Thurso fell as low as 13°. The sky is overcast except in the south east and some snow has again fallen in Scotland, where also a bright aurora was seen last morning. The sea is high in the south west, rough in the west and south generally but moderate or slight elsewhere.

Warnings have been issued to our west and south ~~east~~ coasts.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office, 116, Victoria Street, Westminster S.W.

R. H. SCOTT. Director.

Dangerfield, 15th, 22 Bedford St Covent Garden

SUMMARY OF WEATHER IN WESTERN EUROPE

from November 5th to November 11th 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During this period great changes have occurred in the distribution of pressure over Wn Europe. On Sunday readings were highest in the neighbourhood of the Channel and a brisk fall of the barometer was in progress in the N. of Norway as a depression advanced from the Wd. This disturbance continued to move in a Sly direction so that the lowest pressures became established, first over Denmark, then over Central Europe, and the highest, first to the Wd of our Islands and subsequently (as the barometer rose quickly over Scandinavia) in the extreme N. where they exceeded 30·8 ins: on the 8th. Northerly breezes veering through NE to E consequently prevailed generally, accompanied by very cold weather, and heavy snow in the E. These conditions continued on our E. coast up to nearly the close of the week, the coldest night of the period being that of Friday, but in Ireland on the morning of that day a brisk fall of the barometer had occurred, the wind veered to S. and temperature rose, changes which by Saturday had spread to all parts of our Islands.

NOV: 5TH The barometer was falling briskly in the N. of Norway and the N. of Scotland, and the change had extended in a less degree to all parts of our Islands. Over France, however, the mercury was rising and pressure was high and uniform over the N. of that country and the greater part of England and Ireland, whence it decreased both to the Nd and Sd. In consequence the wind was light from the Wd at the Wn stations and from E. in the S. while in the intermediate region light airs prevailed. Temperature had risen in most places but had decreased several degrees both over Belgium and the N. of France and in Sweden. A little rain had fallen over Gt Britain and the sky at 8 am was very generally overcast. During the day a well marked depression advanced over Norway from the Nd and the mercury fell quickly over the Skager Rack.

NOV: 6TH The depression noticed on the previous evening lay over the Sound and Denmark and the barometer was rising over the N. of Scandinavia and our more Wn stations while it was falling elsewhere. The region of highest pressure lay to the Wd of Europe so that gradients for Nly winds prevailed over the whole of our area, and breezes from that quarter were reported except on the Wn side of the disturbance, where Ely breezes were experienced. On our Wn coasts the wind was very light but was fresh or strong in force in the E. Temperature had fallen several degrees in the N. and risen equally quickly over the Netherlands and NE. of France, but was very little changed elsewhere. The sky was overcast in the S. but clear at most of the more Wn stations though snow was reported from Stockholm and Wisby. Later Reports showed a slight fall of the mercury in the SW. but a slight recovery on our other coasts.

NOV 7TH The depression noticed on the previous day had moved Sd to N. Germany causing a decrease of pressure over Central Europe. Over the greater part of these Islands and the whole of France, the barometer had also fallen, particularly on our SW. coasts, while it had risen slightly over Scotland and briskly over Scandinavia. Readings were highest in the extreme N. but a band of comparatively high pressure extended Wd over Scotland. The wind had veered into NE. and E. on our W. coasts and in the N. of France but continued Ely over the Skager Rack and Nly elsewhere. It was light or moderate in force generally, but continued to blow very strongly on the Ewn shores of the North Sea. A further fall of temperature was reported, except in the N. of France. It had been low in the Central parts of England during the night and a thermometer on the grass in London had fallen to 22°. The sky was clear over Gt Britain but cloudy over Ireland and the Continent. During the day the barometer rose over Sweden and Denmark but fell elsewhere.

NOV 8TH The barometer had continued to rise over Norway and Sweden and the small depression noticed over Germany had moved Sd so that the lowest barometer readings were found over the S. of France and the highest (about 30·8 ins) in Lapland. The mercury had fallen rather more quickly in the SW. than elsewhere so the Ely winds which prevailed generally, drew into SE in that region while owing to the low readings over Central Europe, NEly breezes

were reported from the SE^{rn} stations. Temperature had fallen generally and during the night, a sharp frost had again been experienced in many parts of our Islands. The sky was generally clear, but rain was falling in the SW., snow at Aberdeen and the Helder. Later Reports showed a slight but general fall of the barometer and on our E. coasts heavy showers of hail and snow fell.

NOV: 9th The barometer had fallen at all except the Danish stations, but the changes had nowhere been very important and pressure continued highest over the Gulf of Bothnia and lowest in the S. of France. Gradients were consequently for E^{ly} winds and breezes from between NE. and SE prevailed generally. Over the North Sea they were fresh or strong in force but were moderate in most other places. Temperature had risen slightly over England but fallen elsewhere. The sky was clear on our coasts and in N. Germany and the E. of France but was cloudy elsewhere with snow at Brussels. By 6 pm. a slight recovery of pressure had commenced except in the N.

NOV: 10th The rise of the barometer above noticed continued over France and the greater part of England but in the W. and N. of our Islands and over Scandinavia the barometer was falling. The effect of these changes was to reduce gradients but at the same time to bring about a rather complicated distribution of pressure. It was highest in the extreme N. and lowest over the S. of France but both over the Atlantic in the neighbourhood of Valentia, and over the Baltic, near Stockholm, depressions apparently existed and the barometer was falling. As a consequence the wind varied considerably — over Sweden it blew freshly from N., and over the Bay of Biscay and our SW. and W. coasts from SE, but elsewhere it was very light in force. Temperature had decreased except in the SW. and was as low as 19° at Thurso while over the whole of Great Britain a sharp frost had prevailed. Snow had fallen at all our E^{rn} stations and at 8 am. the sky was cloudy and variably generally. Later Reports showed that the barometer continued to fall briskly at Valentia, while over England it still rose, causing gradients to become steep while the wind increased in the W. to the force of a gale from S. and SE. before night.

NOV: 11th The barometer had risen somewhat over Denmark and N. Germany, where readings were highest but the fall noticed in the W. on the previous day had continued quickly and extended to all parts of our Islands. Gradients had consequently continued to increase in steepness and fresh gales from S. were experienced in the SW., while strong to moderate winds from the same quarter were felt on all our coasts. At the same time a brisk decrease of pressure had set in over the Bay of Biscay and the wind both there and at Scilly had backed to SE. and freshened, pointing to the existence of an independent depression over Spain which caused a very heavy SW gale at Lisbon. Temperature had risen except in the E. of England, the Netherlands and N. of France, where the weather was still very cold. The lowest temperatures during the previous twenty-four hours were 13° at Thurso, 16° at Wick and 22° in London. The sky was overcast except in the SE. and snow had again fallen in Scotland. During the day the barometer fell very quickly in the W. of France and at Scilly showing the advance of the depression which had caused the fall and backing of the wind in the morning, while the gale extended eastwards up the Channel doing much damage at exposed places.

Meteorological Office,
116, *Victoria Street, Westminster, S.W.*
ROBERT H. SCOTT, Director.

DAILY WEATHER REPORT Nov^R 12TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·32	16	NN	2	o	30·39	+ ·33	25	24	+ 12	SE	4	o	*	*	*	—
Hernösand ...	30·27	26	Z	o	o	30·27	+ ·13	26	25	+ 11	NE	4	s	*	*	*	—
Stockholm ...	30·18	16	Z	o	b	30·09	− ·07	22	22	+ 2	NNW	2	o	*	*	*	—
Wisby	30·18	31	NNE	6	c	30·05		32	22		NE	6	s	*	*	*	0·04
Christiansund ...	30·10	38	S	4	b	30·15	+ ·12	34	30	− 2	ESE	3	bc	4	40	30	—
Skudesnaes ...	30·12	34	ENE	4	b	30·06	− ·07	36	31	+ 10	ESE	6	s	4	?	29	—
Oxö (Xtiansand)	30·15	36	SE	6	o	30·14	+ ·04	29	28	− 3	NE	6	s	4	36	27	—
Skagen (The Scaw)	30·22	31	Z	o	c	30·17	− ·06	26	23	+ 1	Z	o	c	0	32	21	—
Fanö	30·16	25	SSE	4	bc	30·11	− ·12	25	23	− 3	SE	4	b	*	34	23	—
Cuxhaven ...	30·25	*	*	*	*	30·04	− ·23	24	23	− 2	SE	4	o	*	?	?	—
Sumburgh Head	29·99	39	SE	5	c	29·94	− ·08	39	36	+ 2	NE	6	c	6	41	33	—
Stornoway	29·71	40	SE	6	o	29·65	− ·21	41	38	+ 4	SE	5	bc	5	41	37	0·02
Thurso	29·85	36	SSE	2	o	29·78	− ·19	40	38	+ 5	ESE	5	p	3	41	33	0·09
Wick	29·85	39	S	4	o	29·77	− ·19	42	39	+ 5	S	5	q	r	42	34	0·24
Nairn	29·81	37	Z	o	o	29·72	− ·22	35	33	+ 4	ESE	3	bc	2	39	31	—
Aberdeen ...	29·87	39	S	2	o	29·74	− ·24	42	37	+ 14	SE	6	bc	6	43	28	—
Leith	29·84	35	SSE	3	o	29·59	− ·37	40	39	+ 8	SE	4	c	*	42	30	—
Shields	29·87	39	S	5	bc	29·57	− ·43	44	41	+ 13	SE	8	o	5	44	?	—
York														*			
Scarborough ...	29·87	37	SSE	3	b	29·55	+ ·49	43	41	+ 11	SE	9	r	6	44	29	—
Nottingham ...	29·70	33	SSE	5	b	29·42	− ·64	33	33	+ 2	E	5	s	*	41	30	0·15
Ardrossan ...	29·73	35	ENE	3	c	29·51	− ·38	38	35	+ 5	NE	4	c	3	39	32	0·05
Greencastle ...	29·58	42	E	4	o	29·38	− ·28	43	39	+ 2	E	5	o	*	47	37	—
Donaghadee ...	29·62	43	SSE	6	c	29·40	− ·38	44	42	+ 1	ESE	7	o	6	46	40	0·02
Kingstown ...	29·52	44	SSE	6	c	29·23	− ·52	44	42	− 2	ESE	7	r	6	46	42	0·15
Holyhead ...	29·58	39	SSE	4	bc	29·23	− ·61	39	38	− 2	E	8	o	6	44	37	0·08
Liverpool (Bidston)	29·69	36	E	6	b	29·35	− ·60	34	32	+ 4	ENE	5	s	2	40	30	0·26
Valencia	29·22	47	SE	5	r	29·06	− ·41	47	45	− 4	E	2	c	2	52	45	0·09
Roche's Point...	29·24	44	SE	8	r	29·03	− ·59	44	42	− 5	E	5	og	5	46	42	0·27
Pembroke ...	29·41	43	ESE	8	o	29·06	− ·73	43	42	− 1	ESE	7	om	4	46	38	0·13
Portishead ...	29·61	37	SE	7	o	29·23	− ·74	37	36	− 5	ENE	6	o	4	44	30	0·37
Scilly	29·27	46	E	9	r	29·07	− ·64	53	52	+ 6	NSW	4	o	5	55	44	0·26
Plymouth ...														*			
Hurst Castle ...	29·62	45	SE	6	o	?29·18	− ·80	50	50	+ 6	SE	4	r	4	50	40	0·56
Dover	29·83	38	SE	4	b	29·39	− ·74	40	39	+ 2	ESE	6	mr	5	41	36	0·08
London	29·78	36	E	3	bc	29·33	− ·75	37	37	+ 3	SE	2	odm	*	43	33	0·32
Oxford	*	*	*	*	*	29·30	− ·73	36	36	+ 2	E	2	r	*	40	33	0·47
Cambridge ...	29·83	35	SE	2	c	29·38	− ·71	37	37	+ 4	ESE	2	r	*	41	33	0·28
Yarmouth ...	29·92	40	SE	7	b	29·48	− ·65	40	39	+ 8	ESE	9	r	*	42	32	0·10
The Helder... ...	*	*	*	*	*										*	*	
Cape Gris Nez	29·88	32	ESE	6	bc	?	?	34	34	+ 7	ESE	6	r	4	36	28	0·28
Brest	?	46	ESE	6	r	?	?	35	35	+ 16	ESW	3	o	4	40	37	0·63
L'Orient	29·35	39	ESE	7	r	29·26	− ·54	37	37	+ 23	SSW	3	m	5	39	32	1·06
Rochefort ...	29·49	46	SE	6	r	29·37	− ·47	32	30	+ 18	SSE	5	c	3	?	28	0·12
Biarritz	29·48	52	S	5	o	29·39	− ·36	70	64	+ 25	SSE	5	c	3	72	41	0·12
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·57	− ·68	33	*	+ 8	SE	6	r	*	*	*	*
Charleville ...	*	*	*	*	*	?	?	33	*	+ 11	S	9	r	*	*	*	*
Paris	29·80	35	ESE	5	o	29·43	− ·72	42	*	+ 16	SE	4	o	*	*	*	0·43
Lyons	*	*	*	*	*	?	?	51	*	+ 17	S	2	r	*	*	*	*
Toulon	30·12	39	E	6	r	29·95	− ·20	43	41	+ 2	S	6	m	6	46	32	0·08

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·12	36	30	S	4	b	3	Valencia	29·32	50	45	SE	7	o	6
Thurso	29·88	36	34	SSE	2	o	2	Scilly	29·43	48	45	ESE	9	o	7
Scarborough ...	29·96	38	36	S	3	b	3	London	29·92	40	35	SE	4	bc	*
Greencastle ...	29·62	45	42	S	5	o	*	Rochefort ...	29·63	41	39	SE	6	r	4
Holyhead	29·72	42	38	SSE	4	c	4								

The barometer continues to fall in all parts of our Islands quickly in the SW. where a strong gale still blows. At Valentia the wind has backed to SE.

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Sunday 12th Nov.r 1876

REMARKS The changes in pressure which have been taking place over North Western Europe during the past twenty-four hours have been sudden and important. In Sweden and the north of Norway a rise of the barometer has been in progress, and the highest readings are consequently found over those countries but on our south west coasts a brisk decrease has been going on steadily, so that we now have steep gradients for SE.th winds prevailing over the whole of these Islands and the North Sea. Very rough weather is therefore reported from all our stations, gales from SE being experienced both on our east and west coasts; while in the north also the winds, which are from the same quarter, are now rising. Over France fresh to strong S.th breezes are reported. Temperature has fallen a little on our west coasts, but has risen in all other districts, – the change in the west of France has been very rapid, and amounts to over 20° at many stations. Rain has fallen except in the north east – the fall in the south west being very heavy. The sky is moderately clear in the north, overcast with rain and snow in the south. The sea is rough on almost all coasts.

Warnings were issued to our west and south west coasts yesterday morning, extended to the east and south east coasts in the evening, and are now still further extended to the north coasts.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Dangerfield, Lith. 22, Bedford St Covent Garden

DAILY WEATHER REPORT Nov^R 13TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·22	23	E	2	o	30·18	− ·21	23	22	− 2	E	2	*	*	*	*	–
Hernösand ...	30·14	26	NE	3	s	29·89	− ·08	34	32	+ 8	E	6	s	*	*	*	0·32
Stockholm ...	29·99	27	?	0	o	30·07	− ·08	26	26	+ 4	WNW	2	o	*	*	*	0·04
Wisby	30·00	35	NE	4	o	30·08	+ ·03	31	31	− 1	SSE	4	bc	*	*	*	0·04
Christiansund ...	30·20	31	ESE	1	b	29·95	− ·20	28	28	− 6	S	2	b	3	34	23	–
Skudesnaes ...	30·06	33	NE	6	b	29·97	− ·09	29	26	− 7	E	2	b	4	36	?	–
Oxö (Xtiansand)	30·09	29	NE	6	o	30·00	− ·14	27	26	− 2	NE	4	s	3	30	27	–
Skagen (The Scaw)	30·11	27	ESE	3	o	30·02	− ·15	30	28	+ 4	ESE	2	o	0	32	25	0·04
Fanö	30·00	26	E	4	c	29·85	− ·26	31	30	+ 6	ENE	4	c	*	?	23	–
Cuxhaven ...		*	*	*	*									*			
Sumburgh Head	29·80	?39	ESE	5	c	29·94	+ ·00	39	35	0	ESE	3	c	3	42	33	0·08
Stornoway	29·65	42	SE	7	b	29·73	+ ·08	42	38	+ 1	ESE	8	bc	6	43	40	–
Thurso	29·75	42	ESE	4	o	29·83	+ ·05	40	36	0	E	5	c	3	43	38	0·08
Wick	29·75	44	SE	6	o	29·83	+ ·06	42	42	0	SE	7	o	8	44	40	–
Nairn	29·68	40	E	3	o	29·74	+ ·05	38	37	+ 3	E	5	o	3	41	35	–
Aberdeen ...	29·68	44	SE	7	b	29·74	− ·00	42	38	0	E	8	3g	8	45	42	–
Leith	29·56	42	SE	4	c	29·65	+ ·06	40	39	0	SE	5	o	*	45	39	0·04
Shields	29·50	44	SE	8	o	29·60	+ ·03	41	40	− 3	ESE	8	or	8	45	40	0·21
York	29·44	40	E	2	m	29·50	+ ·02	40	39	0	ENE	1	m	*	41	39	0·75
Scarborough ...	29·48	41	SE	10	r	29·52	− ·03	42	42	− 1	E	9	r	7	43	40	1·15
Nottingham ...	29·25	39	E	5	o	29·48	+ ·06	40	39	+ 7	N	2	o	*	40	33	0·69
Ardrossan ...	29·48	42	NE	4	c	29·59	+ ·06	41	38	+ 3	ENE	4	o	3	43	38	–
Greencastle ...	29·32	45	E	5	o	29·47	+ ·09	43	41	0	E	3	o	*	47	43	0·05
Donaghadee ...	29·34	45	ESE	8	o	29·50	+ ·10	44	42	0	E	7	o	6	46	42	0·07
Kingstown ...	29·21	44	E	3	o	29·40	+ ·17	47	46	+ 3	ESE	4	o	6	47	43	0·06
Holyhead ...	29·20	41	E	6	o	29·39	+ ·16	42	41	+ 3	E	6	o	5	43	38	0·23
Liverpool (Bidston)	29·28	40	E	5	o	29·47	+ ·12	39	38	+ 5	?ENE	3	f	1	41	34	0·47
Valencia	29·10	47	NE	2	o	29·18	+ ·12	?51	49	+ 4	ESE	4	ou	3	53	43	–
Roche's Point...	29·16	46	ENE	4	r	29·26	+ ·23	52	51	+ 8	SE	5	og	5	?	44	0·18
Pembroke ...	29·13	43	E	5	o	29·36	+ ·30	45	44	+ 2	E	4	o	3	46	42	0·45
Portishead ...	29·19	42	ENE	4	o	29·38	+ ·15	42	41	+ 5	E	2	o	2	44	34	0·70
Scilly	29·05	54	NE	2	r	29·26	+ ·19	55	55	+ 2	ESE	6	r	6	55	51	0·46
Plymouth ...	29·04	54	E	2	o	29·36		47	47		E	2	o	*	50	47	0·88
Hurst Castle ...	29·10	54	SE	3	o	29·44	?+ ·16	45	45	− 5	ENE	1	o	1	55	43	0·29
Dover	29·28	46	ENE	3	o	29·45	+ ·06	48	47	+ 8	WSW	2	of	3	50	39	0·05
London	29·25	43	SE	2	or	29·43	+ ·10	44	44	+ 7	WNW	2	ofds	*	46	37	0·41
Oxford	*	*	*	*	*	29·40	+ ·13	42	41	+ 6	N	1	f	*	44	36	0·68
Cambridge ...	29·27	41	E	2	r	29·46	+ ·08	41	41	+ 4	NNW	1	f	*	44	36	0·56
Yarmouth ...	29·39	41	ESE	8	o	29·37	− ·11	44	43	+ 4	ENE	4	o	5	44	39	0·50
The Helder ...	*	*	*	*	*										*	*	
Cape Gris Nez	29·27	45	SE	4	o	29·42	?	52	50	+ 18	WSW	5	o	4	?	34	0·24
Brest	?	54	NE	2	r	?	?	54	54	?	SSE	3	bc	4	59	54	0·75
L'Orient																	
Rochefort ...	29·33	57	SW	10	c	29·54	+ ·17	55	54	+ 3	S	5	o	3	66	50	–
Biarritz																	
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·38	− ·19	53	*	+ 20	WSW	9	r	*	*	*	0·48
Charleville ...	*	*	*	*	*	?29·48	?	53	*	+ 20	SW	3	o	*	*	*	*
Paris	29·30	53	SSE	3	o	29·60	+ ·17	52	*	+ 18	S	3	o	*	*	*	–
Lyons	*	*	*	*	*	?	?	55	*	+ 4	NE	2	f	*	*	*	*
Toulon	29·83	46	E	7	m	29·88	− ·07	52	50	+ 9	E	6	m	7	?	41	0·04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes ...							Valencia						
Thurso							Scilly						
Scarborough ...							London						*
Greencastle ...						*	Rochefort ...						
Holyhead													

EXPLANATION OF COLUMNS.

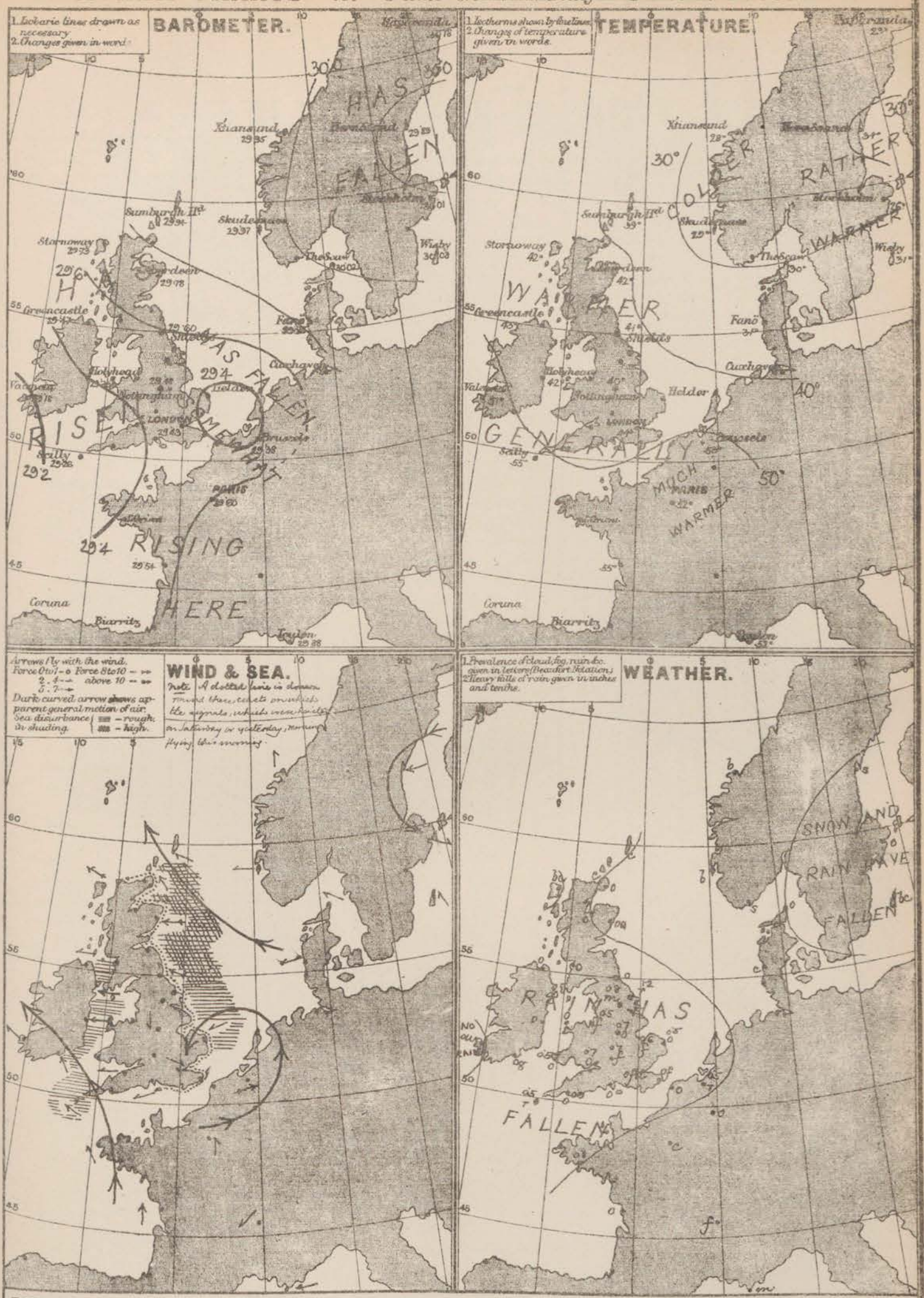
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Monday 13th Nov.r 1876



REMARKS The weather over the whole of North Western Europe is still in a very unsettled condition. The highest readings are still reported from the extreme northern stations, and the lowest off our south west coasts, while a very well marked secondary depression is found over the south eastern stations, to which position it has advanced from the S.W.ds during the night. Under these circumstances E.ly gales are blowing on all our northern and north eastern coasts, and moderate E.ly winds in the south west, while S.ly breezes are reported from France and a strong WSW gale on Belgium. Temperature has risen in most places – especially at the south eastern stations, but dull unsettled weather prevails over the whole of our area, with rain at several stations. The sea is very high off our north east coasts and rough in the west. In the south it is moderate.

Our west, south and east coasts were warned on Saturday, and the northern coasts yesterday morning.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Darlerfield, lith. 22 Bedford St Covent Gar.

DAILY WEATHER REPORT Nov^R 14TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·91	32	SE	2	s	29·87	− ·31	27	26	+ 4	SW	2	o	*	*	*	0·47
Hernösand ...	29·95	20	S	4	bc	30·05	+ ·16	?	?	?	Z	o	bc	*	*	*	0·08
Stockholm ...	30·06	24	Z	o	o	30·02	+ ·01	24	24	− 2	Z	o	s	*	*	*	0·16
Wisby	29·60	33	SE	4	o	30·00	− ·08	34	33	+ 3	SE	4	o	*	*	*	—
Christiansund ...	29·89	31	SW	5	s	29·99	+ ·04	35	34	+ 7	SW	4	c	5	36	?	—
Skudesnaes ...	29·97	33	ENE	2	b	30·01	+ ·04	29	27	o	ENE	2	bc	2	34	28	—
Oxö (Xtiansand)	29·95	33	ENE	6	o	29·99	− ·01	33	31	+ 4	NE	6	o	3	34	?	—
Skagen (The Skaw)																	
Fanö														*			
Cuxhaven ...		*	*	*	*									*			
Sumburgh Head	29·95	34	ENE	5	bc	29·96	+ ·02	?	35	?	E	4	c	4	42	33	0·18
Stornoway	29·72	41	ESE	7	c	29·65	− ·08	41	37	− 1	ESE	7	bc	7	43	39	—
Thurso	29·84	40	E	4	o	29·80	− ·03	41	39	+ 1	ESE	5	fb	3	42	38	0·10
Wick	29·84	41	SE	6	o	29·81	− ·02	43	40	+ 1	SE	6	o	7	43	39	0·02
Nairn	29·79	38	E	3	o	29·75	− ·02	40	38	+ 2	E	4	o	2	41	37	—
Aberdeen ...	29·89	42	E	7	o	29·78	+ ·04	43	40	+ 1	SE	7	o	7	44	40	0·05
Leith	29·70	41	SE	5	r	29·71	+ ·06	43	42	+ 3	SE	4	o	*	44	38	0·09
Shields	29·68	42	E	7	o	29·71	+ ·11	45	44	+ 4	E	5	SW	5	45	42	0·11
York	29·62	43	NE	1	r	29·67	+ ·17	45	45	+ 5	E	2	r	*	46	38	0·13
Scarborough ...	29·66	43	E	6	o	29·70	+ ·18	47	47	+ 5	E	5	r	5	47	42	0·13
Nottingham ...	29·62	42	Z	o	r	29·63	+ ·15	46	46	+ 6	NE	1	f	*	46	40	0·08
Ardrossan ...	29·64	41	ENE	4	r	29·63	+ ·04	43	41	+ 2	ENE	3	o	2	44	39	0·15
Greencastle ...	29·51	44	ESE	4	o	29·46	− ·01	46	45	+ 3	ENE	3	o	*	46	40	0·44
Donaghadee ...	29·53	44	ESE	7	r	29·50	·00	47	46	+ 3	ESE	7	r	6	47	43	0·11
Kingstown ...	29·46	48	SSE	5	r	29·40	·00	52	51	+ 5	E	5	r	4	52	46	0·41
Holyhead ...	29·46	44	E	3	m	29·41	+ ·02	47	47	+ 5	?	6	m	5	48	41	0·39
Liverpool (Bidston)	29·59	41	ESE	3	r	29·53	+ ·06	44	44	+ 5	E	4	r	3	44	39	0·24
Valencia	29·27	55	S	4	bc	29·09	− ·09	? 57	56	? + 6	SSE	5	r	4	58	50	0·55
Roche's Point...	29·31	54	SSW	4	bc	29·20	− ·06	54	54	+ 2	SSE	6	r	5	55	49	0·92
Pembroke ...	29·43	52	ESE	4	o	29·34	− ·02	52	52	+ 7	ESE	6	m	4	52	44	0·29
Portishead ...	29·53	42	E	4	r	29·48	+ ·10	48	48	+ 6	? NE	4	m	3	49	40	0·25
Scilly	29·40	45	S	4	o	29·29	+ ·03	57	57	+ 2	SE	6	r	6	59	?	0·38
Plymouth ...	29·48	54	S	1	o	29·39	+ ·03	56	55	+ 9	E	2	bc	*	58	47	0·23
Hurst Castle ...	29·52	56	S	3	c	29·49	+ ·05	56	56	+ 11	SSE	5	b	4	57	43	0·06
Dover	29·59	51	E	1	c	29·62	+ ·17	51	50	+ 3	Z	o	b	1	53	47	—
London	29·59	48	Z	o	r	29·57	+ ·14	47	47	+ 3	SSE	1	f	*	47	44	0·05
Oxford	*	*	*	*	*	29·54	+ ·11	50	49	+ 8	E	1	f	*	50	42	0·17
Cambridge ...	29·61	44	? Z	? o	r	29·60	+ ·14	49	49	+ 8	ESE	1	f	*	50	41	0·13
Yarmouth ...	29·60	55	NNE	2	o	29·65	+ ·28	48	48	+ 4	E	4	o m	4	49	43	0·08
The Helder... ...	*	*	*	*	*									*	*	*	
Cape Gris Nez	29·59	55	S	2	c	29·60	+ ·18	57	54	+ 5	S	3	b	2	57	50	—
Brest	?	57	SE	2	bc	?	?	59	55		SSE	4	o	4	59	54	—
L'Orient	29·57	55	S	2	m	29·41		57	55		SSE	4	m	5	61	52	—
Rochefort ...	29·61	57	S	5	o	29·54	·00	57	55	+ 2	S	6	c	3	63	48	—
Biarritz	29·65	68	SSE	3	c	29·54		72	61		SSE	3	c	3	77	66	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·72	+ ·34	51	*	− 2	SSE	3	c	*	*	*	0·44
Charleville ...	*	*	*	*	*	?	?	48	*	− 5	SE	1	c	*	*	*	*
Paris	29·67	58	S	2	o	29·70	+ ·10	54	*	+ 1	ESE	3	b	*	*	*	—
Lyons	*	*	*	*	*	?	?	57	*	+ 2	NE	2	b	*	*	*	*
Toulon	30·30	54	E	?	m	29·95	+ ·07	54	54	+ 2	E	5	b	5	57	50	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·96	33	29	E	2	o	2	Valencia	29·19	55	54	SE	4	c	4
Thurso	29·54	41	37	E	5	o	3	Scilly	29·35	58	57	SSW	5	bcm	6
Scarborough ...	29·61	44	43	ENE	7	o	6	London	29·55	47	46	Z	o	fgd	*
Greencastle ...	29·49	44	42	E	4	o	*	Rochefort ...	29·50	63	57	S	5	bc	3
Holyhead	29·44	43	42	E	6	mgr	5								

The barometer has risen slightly at all stations since the morning — most in the E. The wind has shifted to SSW again at Scilly, and the E^ly gale on our NE coasts shows signs of lulling, but fresh to strong E^ly winds still prevail on our N W coasts. Warnings were reissued to Ireland this morning.

EXPLANATION OF COLUMNS.

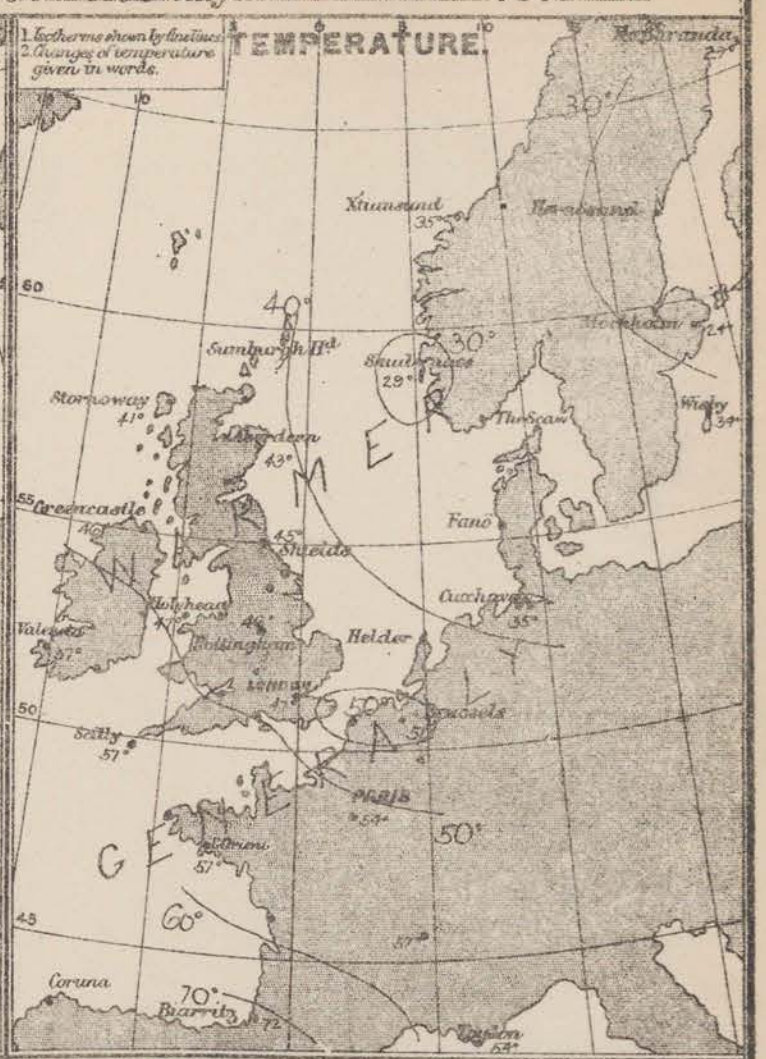
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

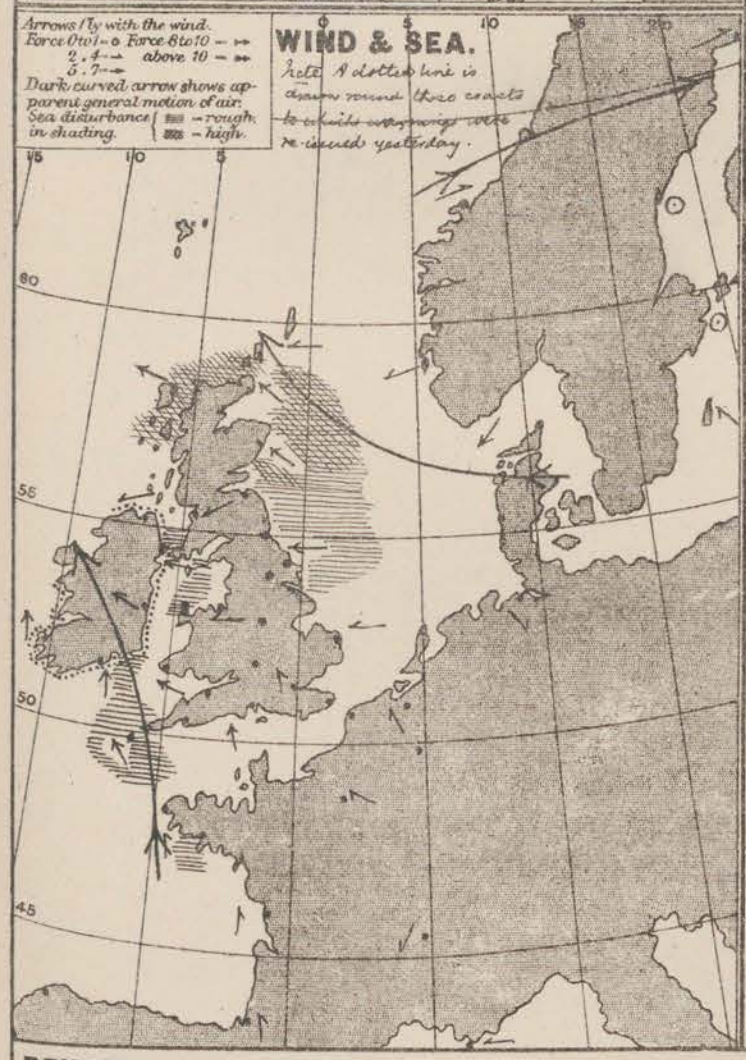
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Tuesday 14th Novr 1876





REMARKS The barometer is still very unsteady in all parts of Western Europe. Although it has risen briskly at the eastern and south eastern stations since yesterday morning it is now falling on the northern, western and extreme southern coasts. The lowest pressure still lies away to the Wd of our Islands, and the secondary depression which lay off our south east coast yesterday has apparently reached Germany. Rather steep gradients for SEh winds still prevail in the west and north of our Islands and moderate ones for Sh winds over France. Eh to SEh winds are still general in the United Kingdom, blowing strongly along our western and northern coasts, and freshly in the east. Over France the wind is more Sh and moderate, while in the south of Scandinavia it is Eh to NEh. Temperature has again risen over the United Kingdom – especially in the south west and south. This morning it is as high as 72° at Biarritz and 57° at Scilly and Valentia, while in the north of Scotland it stands at 40°, and at Stockholm 24°. Rain has fallen very generally over the British Isles, and is now falling heavily in the west. In the south of England and north east of France the sky is clear but fog prevails in some places – notably in London. The sea remains very high off the Scotch coasts but is going down in the east. It is rather high in the west and south west but smooth in the eastern parts of the Channel.

Warnings were repeated to the Irish stations yesterday, where the signals are still up.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Dangerfield, Lith. 22 Bedford St Covent Gar. Lo.

DAILY WEATHER REPORT Novr 15th 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.89	22	SW	2	b	30.14	+ .27	20	19	− 7	NNW	2	b	*	*	*	—
Hernösand ...	30.11	?	NNE	2	b	30.24	+ .19	15	14	?	NE	2	b	*	*	*	—
Stockholm ...	30.03	23	N	2	o	30.19	+ .17	24	24	o	N	o	o	*	*	*	0.04
Wisby	30.04	37	E	6	r	30.15	+ .15	35	33	+ 1	NE	6	c	*	*	*	0.04
Christiansund ...	30.11	35	S	1	b	29.91	− .08	34	29	− 1	ESE	3	o	2	36	30	—
Skudesnaes ...	29.99	39	NE	4	c	29.86	− .15	40	36	+ 11	ESE	7	r	6	?	28	0.12
Oxö (Christiansand)	30.06	33	NNE	6	b	30.07	+ .08	39	37	+ 6	ENE	6	o	4	?		—
Skagen (The Scaw)	30.09	33	ESE	6	b	30.13	+ .14	32	30	− 1	ESE	5	o	4	34	30	—
Fanö	29.95	35	E	4	o	29.89	+ .01	39	38	+ 6	E	6	c	*	?	34	—
Cuxhaven ...	29.93	*	*	*	*	29.80	.00	41	41	+ 6	SE	3	of	*	?	?	—
Sumburgh Head	29.85	41	E	5	c	29.47	− .49	45	44	?	SE	8	o	7	45	36	0.20
Stornoway	29.52	44	ESE	8	r	29.13	− .54	53	50	+ 12	ESE	5	o	6	?	?	0.09
Thurso	29.66	42	ESE	5	r	29.28	− .52	50	?	+ 9	SSE	5	of	4	37	40	0.42
Wick	29.63	48	SE	8	r	29.29	− .52	50	50	+ 7	SE	6	f	9	30	40	0.81
Nairn	29.56	41	E	4	r	29.06	− .49	55	52	+ 15	SSE	3	o	2	55	39	0.55
Aberdeen ...	29.62	43	SE	8	r	29.36	− .22	50	50	+ 7	S	4	m	6	37	42	1.77
Leith	29.49	46	ESE	4	r	29.35	− .36	53	52	+ 10	N	o	r	*	36	42	0.80
Shields	29.52	47	ESE	6	o	29.42	− .29	37	50	+ 6	SE	2	m	4	52	45	0.36
York	29.50	50	SE	3	o	29.45	− .22	52	52	+ 7	S	1	m	*	55	44	0.19
Scarborough ...	29.56	49	SSW	6	o	29.46	− .24	52	52	+ 5	SW	1	f	3	52	46	0.21
Nottingham ...	29.47	54	SE	1	o	29.49	− .14	53	52	+ 7	SSE	1	o	*	55	46	0.07
Ardrossan ...	29.38	45	ENE	5	r	29.31	− .32	54	57	+ 11	S	4	c	4	55	43	1.50
Greencastle ...	29.22	49	E	4	o	29.15	− .31	52	50	+ 6	SSE	5	o	*	54	44	0.68
Donaghadee ...	29.26	57	SE	6	r	29.29	− .21	52	51	+ 5	SSW	4	c	4	53	46	0.87
Kingstown ...	29.21	54	ESE	4	r	29.31	− .09	53	52	+ 1	ESE	3	o	3	55	50	0.82
Holyhead ...	29.26	53	SSE	3	r	29.37	− .04	53	52	+ 6	S	3	m	3	56	42	0.11
Liverpool (Bidston)	29.33	53	E	4	r	29.41	− .12	51	50	+ 7	SE	2	o	2	55	44	0.06
Valencia	28.89	55	SSE	4	r	29.24	+ .15	59	57	+ 2	SW	5	c	4	61	50	0.08
Roche's Point...	29.02	54	SSE	7	r	29.33	+ .13	54	52	o	SSW	5	bc	4	55	57	0.45
Pembroke ...	29.24	55	SE	5	c	29.41	+ .07	54	53	+ 2	SW	3	c	4	56	57	0.29
Portishead ...	29.36	56	SSE	4	o	29.47	− .01	53	52	+ 5	SW	2	c	2	59	45	0.17
Scilly	29.21	58	S	7	o	29.43	+ .14	54	54	− 3	S	4	of	6	57	53	0.33
Plymouth ...	29.36	55	SE	3	o	29.48	+ .09	52	52	− 4	E	1	bm	*	58	50	0.20
Hurst Castle ...	?29.46	60	S	4	o	29.50	+ .01	53	53	− 3	S	1	c	1	60	57	0.27
Dover	29.58	57	WSW	1	bc	29.57	− .11	54	53	+ 3	SW	3	b	2	59	50	0.03
London	29.50	58	SE	2	o	29.50	− .07	55	55	+ 8	W	1	ofr	*	64	47	0.22
Oxford	*	*	*	*	*	29.49	− .05	52	57	+ 2	SE	1	f	*	61	50	0.23
Cambridge ...	29.52	54	SE	1	o	29.49	− .11	54	54	+ 5	NW	1	r	*	61	49	0.05
Yarmouth ...	29.57	50	SE	4	f	29.57	− .14	50	50	+ 2	SSE	3	bm	3	53	48	0.14
The Helder... ...	*	*	*	*	*									*	*	*	
Cape Gris Nez	29.56	61	SSE	3	c	29.53	− .07	57	55	o	S	3	b	2	68	55	0.08
Brest																	
L'Orient	29.51	57	S	3	o	29.54	+ .13	54	54	− 3	S	2	o	3	61	52	0.75
Rochefort ...	29.52	59	SSE	5	b	29.57	+ .03	52	52	− 5	SE	3	o	3	63	48	0.55
Biarritz	29.50	72	SSE	5	c	29.49	− .05	63	57	− 9	ESE	3	o	4	77	59	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.66	− .06	53	*	+ 2	N	3	bc	*	*	*	*
Charleville ...	*	*	*	*	*	?29.67	?	54	*	+ 6	ESE	1	c	*	*	*	*
Paris	29.58	60	E	3	b	29.66	− .04	?	*	?	ESE	2	c	*	*	*	—
Lyons	*	*	*	*	*	?	?	61	*	+ 4	SE	2	o	*	*	*	*
Toulon	?29.77	55	E	6	o	29.89	− .06	57	55	+ 3	E	6	c	6	57	54	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.00	35	30	NE	2	b	2
Thurso	29.74	42	40	ESE	5	po	3
Scarborough ...	29.62	58	58	ESE	7	r	6
Greencastle ...	29.33	47	46	E	3	r	*
Holyhead	29.32	52	51	ESE	3	m	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29.01	59	57	SE	4	o	5
Scilly	29.21	57	56	SSE	7	o	6
London	29.57	58	56	SE	2	bc	*
Rochefort ...	29.52	63	59	SSE	6	o	3

The barometer continues to fall at all our Wn stations, and the fall has extended to all part of our Islands. The SE4 winds has again increased at Scilly and Scarboro, with dull weather rain and a very tough sea.
Warnings re-issued to our N and NE coasts.

EXPLANATION OF COLUMNS.

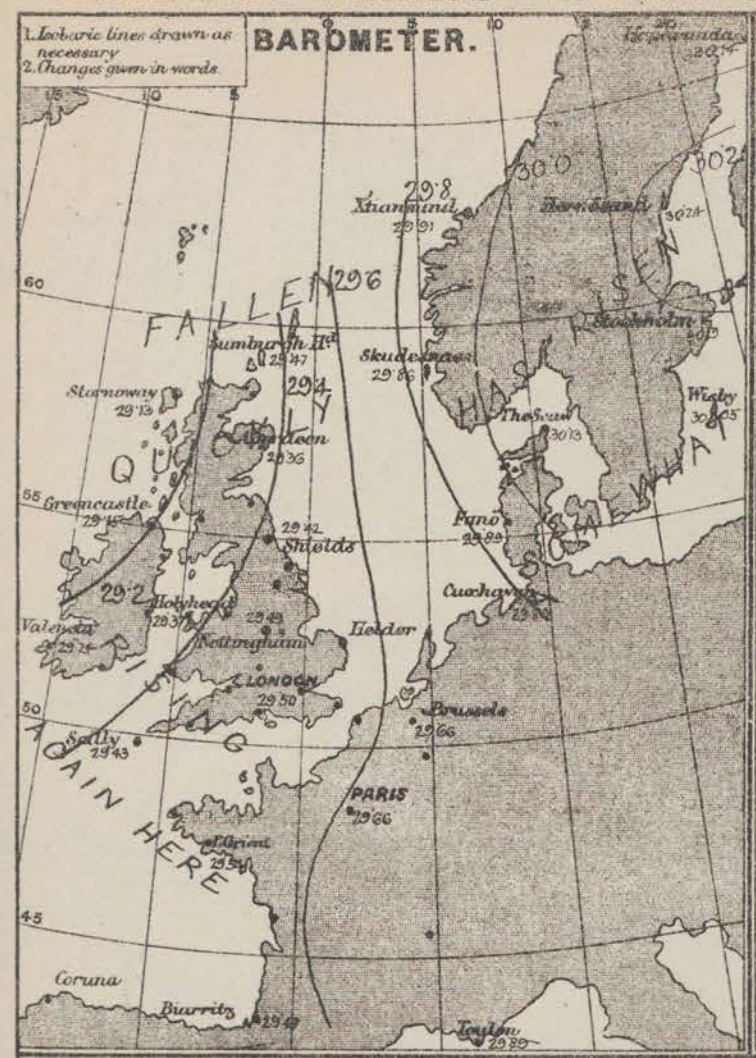
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

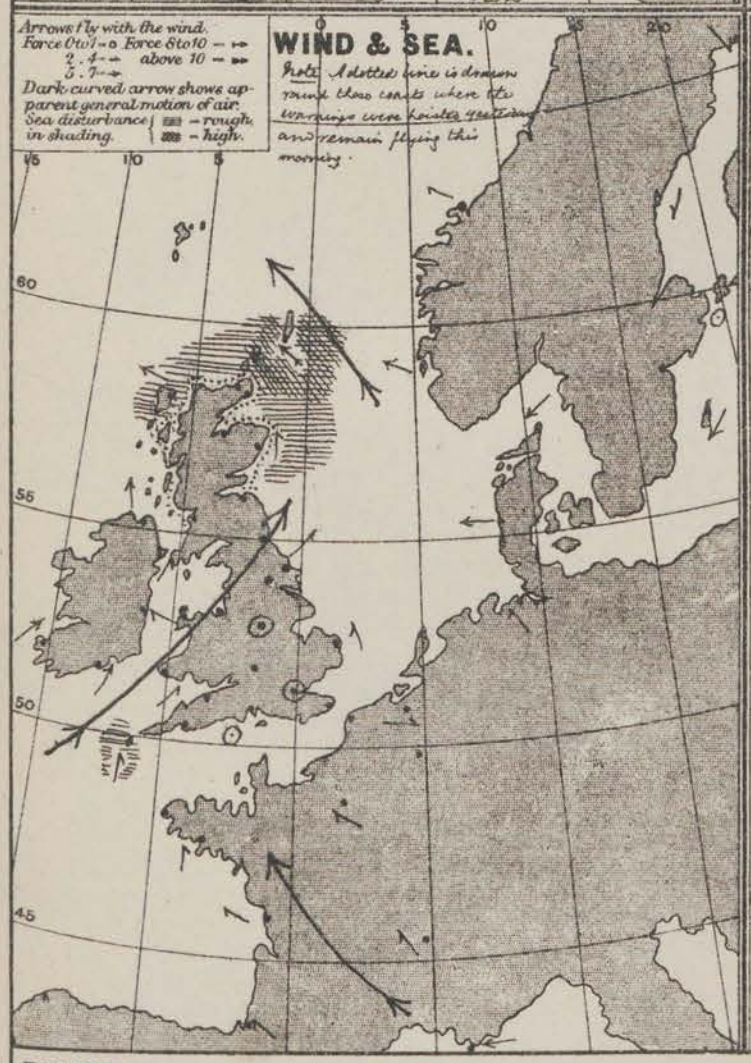
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Wednesday 15th Nov.r 1876





REMARKS The fresh fall of the barometer which had commenced in the west yesterday extended quickly to all our northern stations, and became somewhat rapid in the north west during the night, while a brisk recovery set in on our south west coasts. Pressure is now highest over Sweden, but is also high over Denmark, Germany and the south east of France; and a rather deep depression which is travelling to the NNE.ward lies off our northwest coasts. The wind rose to a slight gale from S. in Ireland, and a stiff gale from SE. on our north and northeast coasts as the disturbance advanced but these have since subsided, though strong SE.ly breezes are still felt in Scotland and the south of Norway and fresh SSW winds in the south of Ireland. Over England and France the wind is light and more variable. Temperature has fallen a few degrees in the west of France and on the SW. coast of England but nowhere elsewhere, and is very high over the United Kingdom generally. At Valentia it now stands at 59°, and in London it rose to 61° in the shade during yesterday. Very heavy rain has fallen on our north and north west coasts, and a smaller quantity at the English stations. In most places it has since ceased falling but not at Aberdeenshire, Leith, Cambridge and London. The weather is now very cloudy damp and unsettled over the whole country. The sea is running extremely high at Wick and is rough on all our north western and north eastern coasts but smooth in the south east.

Warnings were issued to Ireland on Monday, and to our north and east coasts yesterday. Signals lowered in the east this morning.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 5/ per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Dangerfield, Lith. 22, Bedford St Covent Garden

DAILY WEATHER REPORT *November 16th* 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·28	7	N	0	b	30·08	− ·06	14	13	− 6	N	0	o	*	*	*	–
Hernösand ...	30·29	17	NE	2	o	30·10	− ·14	31	31	+ 16	E	2	s	*	*	*	–
Stockholm ...	30·22	30	N	0	o	29·92	− ·27	33	32	+ 9	N	0	o	*	*	*	–
Wisby														*	*	*	
Christiansund ...	29·85	39	ESE	2	o	29·82	+ ·09	40	39	+ 6	ESE	1	r	1	41	39	–
Skudesnaes ...	29·77	41	SE	7	r	29·78	+ ·08	46	43	+ 6	ESE	4	o	4	?	39	0·32
Oxö (Xtiansand)	29·96	40	E	8	m	29·90	− ·17	39	38	0	NE	4	r	6	?	37	–
Skagen (The Scaw)	30·00	37	SE	7	r	29·96	− ·17	40	39	+ 8	SSE	3	o	4	?	32	0·47
Fanö	29·84	42	SSE	6	o	29·80	− ·09	42	42	+ 3	SE	4	m	*	43	37	–
Cuxhaven ...	29·78	*	*	*	*	29·76	− ·04	42	42	+ 1	SSE	3	f	*	?	?	–
Sumburgh Head	29·45	47	SE	7	r	29·59	+ ·12	47	47	+ 2	SE	4	m	6	49	43	0·35
Stornoway	29·76	52	SSW	5	r	29·34	+ ·41	46	44	− 7	NE	1	o	4	53	44	0·03
Thurso	29·31	40	SSE	2	o	29·56	+ ·28	46	46	− 4	N	0	f	1	52	40	0·01
Wick	29·39	50	SE	4	o	29·56	+ ·27	45	44	− 5	N	1	b	5	57	44	–
Nairn	29·36	52	SSE	1	o	29·54	+ ·28	42	41	− 13	N	0	b	4	55	42	–
Aberdeen ...	29·43	57	S	3	o	29·56	+ ·20	41	41	− 9	N	0	f	4	52	41	–
Leith	29·59	54	SW	2	o	? 29·53	+ ·18	39	39	− 14	E	1	f	*	57	38	–
Shields	29·53	57	WSW	1	b	29·49	+ ·07	48	48	− 8	ENE	1	ff	4	55	43	0·02
York	29·53	57	S	1	b	29·41	− ·04	57	57	− 1	ESE	2	r	*	58	43	0·24
Scarborough ...	29·59	57	SW	1	b	29·43	− ·03	50	50	− 2	ESE	4	rf	4	53	46	0·24
Nottingham ...	29·58	50	SW	1	b	29·37	− ·12	52	52	− 1	SE	2	[illegible]	*	59	44	0·27
Ardrossan ...	29·43	54	S	3	o	29·49	+ ·18	48	46	− 6	ENE	4	[illegible]	–	56	47	0 –
Greencastle ...	29·32	52	SW	3	o	29·42	+ ·27	49	49	− 3	ENE	2	m	*	54	46	–
Donaghadee ...	29·43	52	SSW	3	c	29·32	+ ·03	57	57	− 1	NE	3	[illegible]	2	55	46	–
Kingstown ...	29·46	52	SSE	3	b	29·36	+ ·05	52	57	− 1	ENE	4	[illegible]	3	56	49	0·06
Holyhead ...	29·48	52	SSW	2	b	29·31	− ·06	50	50	− 3	NE	5	r	4	56	48	0·13
Liverpool (Bidston)	29·52	52	S	2	b	29·31	− ·10	51	50	0	ENE	4	r	3	57	46	0·19
Valencia	29·41	48	N	1	b	29·43	+ ·19	48	48	− 11	N	0	o	1	58	42	–
Roche's Point...	29·42	53	SSW	3	c	29·30	− ·03	57	58	− 3	NE	3	r	4	55	50	0·18
Pembroke ...	29·47	52	E	1	f	29·20	− ·21	57	57	− 3	ENE	2	r	3	55	50	0·34
Portishead ...	29·50	57	N	0	bc	29·25	− ·22	53	53	0	ESE	4	c	3	62	47	0·41
Scilly	29·42	55	E	4	o	29·10	− ·33	55	55	+ 1	E	4	f	5	56	53	0·40
Plymouth ...	29·46	54	SE	1	o	29·17	− ·31	55	55	+ 3	SE	3	m	*	57	57	0·60
Hurst Castle ...	29·34	54	E	1	o	29·32	− ·18	57	56	+ 4	S	5	r	4	?	50	0·39
Dover	29·57	57	WSW	1	b	29·45	− ·06	55	54	+ 1	SSE	3	bc	3	59	52	–
London	29·57	56	SW	1	of	29·40	− ·10	57	55	+ 2	SSE	3	o	*	60	51	0·16
Oxford	*	*	*	*	*	29·34	− ·15	55	54	+ 3	SE	1	m	*	57	47	0·27
Cambridge ...	29·59	49	SW	1	c	29·41	− ·08	54	54	0	SSE	1	o	*	62	45	0·44
Yarmouth ...	29·59	57	N	0	f	29·48	− ·03	57	57	+ 1	SSE	3	bm	4	54	?	0·13
The Helder ...	*	*	*	*	*									*	*	*	
Cape Gris Nez	29·58	52	SSE	1	o	29·47	− ·06	57	55	2	S	4	c	3	59	52	0·08
Brest	?	57	ESE	3	r	?	?	55	54	− 2	SSW	5	o	5	59	52	0·67
L'Orient	29·33	55	E	4	r	? 29·39	− ·15	55	54	+ 1	SSW	5	c	4	59	52	0·43
Rochefort ...	29·39	59	SE	5	o	29·49	− ·08	54	52	+ 2	S	4	o	3	63	48	0·08
Biarritz	29·43	68	S	5	c	29·53	+ ·04	63	57	0	SSE	4	c	3	70	59	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·58	− ·08	56	*	+ 3	SSE	3	o	*	*	*	*
Charleville ...	*	*	*	*	*	? 29·60	− ·07	57	*	− 3	SSE	6	c	*	*	*	*
Paris	29·56	60	E	3	o	29·58	− ·08	53	*	?	SSW	3	o	*	*	*	0·16
Lyons	*	*	*	*	*	?	?	59	*	− 2	SE	2	c	*	*	*	*
Toulon	29·81	57	E	6	m	29·79	− ·10	57	57	0	E	5	m	0	57	57	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·76	43	30	ESE	7	r	5	Valencia	29·38	54	53	WNW	3	o	2
Thurso	29·31	57	50	SSE	3	c	3	Scilly	29·45	55	54	SSE	4	o	5
Scarborough ...	29·57	53	53	S	1	c	3	London	29·58	58	55	WSW	1	bc	*
Greencastle ...	29·25	52	50	SE	2	o	*	Rochefort ...	29·43	59	57	SE	3	r	3
Holyhead	29·47	55	54	SSW	4	o m	3								

Pressure is now increasing over the whole country – most in the N. The wind has veered to NW at Valentia, but is light from the S and elsewhere.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* **AN ASTERISK** is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Thursday Nov.r 16. 1876.

REMARKS. During the past night the barometer has risen very quickly in Scotland, and to a smaller extent in the W. of Ireland and the depression, which lay off our NW. coasts yesterday has disappeared entirely. In the meantime a new depression has advanced to the mouth of the Channel, apparently from the S.ds, so that the barometer is again falling fast over England and especially in the SW.n counties. Fresh SW.n winds are consequently blowing in the Bay of Biscay, S.ly breezes in the SE. of England and E.n parts of the Channel, E.ly winds in the N. of England, and NE.ly in Ireland and St. George's Channel. In Scotland calms prevail, and on the E.n shores of the North Sea, light SE.ly winds are reported. Temperature has changed irregularly. In the S. of England it fell several degrees last night, as the wind backed to E, in front of the depression, but it has since risen again, as the S.ly wind has again set in, while the fall is found at the more N.n and W.n stations. London is 18° warmer than Leith. The weather remains very unsettled and rain has again fallen except at our most N.n and NW.n stations. At the SW.n stations the fall has exceeded half an inch, and still continues, as snow, as in the NE. of England. The sea is generally moderate, but rather rough at Scilly and Valencia.

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Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Dangerfield, lith. 22, Bedford St Covent Gar.d

DAILY WEATHER REPORT NOVR 17TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.93	22	N	2	o	30.40	+ .32	9	8	− 5	N	2	b	*	*	*	—
Hernösand ...	30.04	30	N	o	be	30.40	+ .30	26	24	− 5	NE	4	o	*	*	*	0.08
Stockholm ...	30.04	36	N	o	o	30.13	+ .21	34	33	+ 1	NE	2	f	*	*	*	0.12
Wisby	30.13	37	S	6	o	30.13		37	36		ESE	2	o	*	*	*	—
Christiansund ...	29.94	38	NE	2	b	29.90	+ .08	38	36	− 2	E	3	b	4	41	36	—
Skudesnaes ...	29.80	45	N	o	r	29.87	+ .09	43	42	− 3	SSE	4	rf	4	46	?	0.55
Oxö (Xtiansand)	29.93	37	NE	4	r	29.96	+ .06	39	39	o	NE	4	o	3	39	37	—
Skagen (The Scaw)	29.97	39	SE	4	o	29.99	+ .03	38	?	− 2	SE	3	o	3	41	36	—
Fanö	29.83	42	SE	4	o	29.83	+ .03	41	40	− 1	SE	4	o	*	?	39	—
Cuxhaven ...	29.75	*	*	*	*	29.78	+ .02	41	41	− 1	SE	3	of	*	?	?	—
Sumburgh Head	29.66	47	SE	4	r	29.68	+ .09	48	47	+ 1	SE	6	m	6	48	44	0.08
Stornoway	29.42	50	ENE	3	r	29.37	− .17	51	50	+ 5	SE	4	r	4	52	45	0.10
Thurso	29.57	48	SE	2	r	29.52	− .04	49	49	+ 3	SE	4	rf	3	52	45	0.12
Wick	29.50	48	SE	4	r	29.54	− .02	49	49	+ 4	SE	5	f	6	50	43	0.10
Nairn	29.43	48	SSE	2	r	29.46	− .08	53	51	+ 11	SSE	4	o	2	53	42	0.11
Aberdeen ...	29.45	48	E	4	r	29.55	− .01	50	49	+ 9	SSE	5	m	6	51	41	0.32
Leith	29.38	50	E	3	o	? 29.59	+ .06	52	51	+ 13	SW	2	of	*	54	38	0.16
Shields	29.42	51	SSE	5	o	29.55	+ .06	50	48	+ 2	S	2	om	3	51	47	0.22
York	29.42	56	S	3	b	29.65	+ .24	51	49	o	WSW	2	r	*	57	49	0.04
Scarborough ...	29.46	57	SW	2	b	29.61	+ .18	50	50	o	WSW	2	c	2	52	49	0.04
Nottingham ...	29.44	53	SE	4	b	29.69	+ .32	50	48	− 2	SW	2	o	*	57	49	0.01
Ardrossan ...	29.32	52	ENE	3	o	29.53	+ .04	51	49	+ 3	SW	2	r	3	56	47	0.31
Greencastle ...	29.23	50	NE	2	r	29.50	+ .08	45	44	− 4	SW	2	b	*	52	43	0.77
Donaghadee ...	29.23	53	SE	5	r	29.57	+ .25	43	43	− 8	SW	3	be	2	53	43	0.57
Kingstown ...	29.19	53	W	1	r	29.62	+ .26	47	45	− 5	SSE	1	b	1	53	46	0.68
Holyhead ...	29.20	54	E	2	r	29.65	+ .34	49	47	− 1	SW	2	b	3	55	48	0.35
Liverpool (Bidston	29.29	54	ESE	3	b	29.65	+ .34	50	48	− 1	WSW	2	o	2	55	48	0.08
Valencia	29.35	50	NW	3	o	29.58	+ .15	53	49	+ 5	SW	4	be	4	53	47	0.15
Roche's Point...	29.31	48	NW	4	be	29.65	+ .35	51	49	o	SW	4	be	3	51	44	0.16
Pembroke ...	29.19	54	W	3	o	29.69	+ .49	52	50	+ 1	SW	5	be	4	54	50	0.24
Portishead ...	29.31	56	SSE	5	o	29.75	+ .50	50	48	− 3	W	4	be	3	59	47	0.19
Scilly	29.35	53	WNW	6	o	29.79	+ .69	53	52	− 2	WSW	5	be	4	56	51	0.18
Plymouth ...	29.29	56	S	3	o	29.80	+ .68	46	46	− 9	N	o	b	*	51	46	0.17
Hurst Castle ...	29.39	58	S	5	be	29.78	+ .46	52	51	− 5	WNW	4	b	4	58	50	0.05
Dover	29.52	55	S	3	b	29.75	+ .30	52	50	− 3	WSW	3	be	2	56	51	—
London	29.48	58	SE	3	o	29.76	+ .36	51	50	− 6	W	1	be	*	62	50	—
Oxford	*	*	*	*	*	29.74	+ .40	50	49	− 5	SW	1	o	*	59	48	0.01
Cambridge ...	29.49	54	SSE	1	b	29.72	+ .31	49	48	− 5	SW	1	o	*	60	49	0.01
Yarmouth ...	29.53	50	S	3	be	29.70	+ .22	50	50	− 1	SW	2	of	2	54	48	0.01
The Helder... ...	*	*	*	*	*	29.72		43	43		SE	1	f	*	*	*	—
Cape Gris Nez	29.55	57	SSE	3	b	29.77	+ .30	54	52	− 3	WSW	3	c	2	64	52	—
Brest	?	57	W	4	r	?	?	55	48	o	WNW	3	be	4	57	52	0.02
L'Orient	29.56	54	W	4	o	29.95	+ .56	52	50	− 3	NNW	3	be	3	59	50	0.12
Rochefort ...	29.64	59	W	3	be	30.15	+ .66	54	54	o	NW	2	be	3	61	50	0.59
Biarritz	29.72	66	SW	3	be	30.02	+ .49	55	54	− 8	SSW	3	r	4	?	54	0.04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.79	+ .21	52	*	− 4	SW	3	o	*	*	*	0.02
Charleville ...	*	*	*	*	*	? 29.80	+ .20	51	*	o	SSW	3	r	*	*	*	*
Paris	29.62	55	S	2	r	29.85	+ .30	52	*	− 1	WSW	1	r	*	*	*	0.08
Lyons	*	*	*	*	*	?	?	56	*	− 3	NE	2	m	*	*	*	*
Toulon	29.85	57	ESE	3	m	29.94	+ .15	55	55	− 2	E	3	m	3	61	57	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.77	46	44	E	2	r	3	Valencia	29.33	53	51	NNW	1	o	2
Thurso	29.57	47	47	SSE	1	f	1	Scilly	29.21	54	53	WNW	6	r	5
Scarborough ...	29.44	52	52	SSE	4	o	4	London	29.46	60	57	SSE	2	be	*
Greencastle ...	29.33	50	49	NE	2	r	*	Rochefort ...	29.54	61	57	SE	4	c	3
Holyhead	29.21	53	52	E	3	mg	3								

The barometer is now falling briskly in the W and NW, and rising in the S. The depression in the SW is travelling slowly to the N and, but the winds remain light except at Scilly, where a strong breeze from WNW has set in this afternoon. Hence fog prevails in the N. The sea remains moderate.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Fri-day Nov. 17th 1876.

REMARKS. The small depression which lay at the mouth of the English Channel yesterday morning moved steadily, first in a N. and then in a NNE. direction during the day, and now lies to the W. of the Hebrides, so that, while the barometer has fallen somewhat at Stornoway, and in the N. of Scotland, it has risen quickly over all other parts of our Islands, as well as at the French stations. In the mean time it has recommenced rising briskly over N. Europe also. Under these circumstances light W. winds are prevailing over France, and the English Channel, light SW. in Ireland and England, while on our N. coasts, and on the E. shores of the North Sea the wind is SE. and blows freshly at the Scotch stations. Temperature has risen in Scotland, and the N. of England, but fallen in nearly all other parts of W. Europe. It was very high at the SE. stations yesterday, having risen to 62° in the shade in London, and 64° at Cape Finis Terr. In the Gulf of Bothnia it is now very low, the reading at Haparanda this morning being 9° F. Rain fell at nearly all our stations yesterday, especially on our NW. coasts, and is still falling at several of the N. ports. In the SW. and S. the sky has cleared considerably since the disturbance passed off. The sea is rough in the N. moderate or slight elsewhere.

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Meteorological Office,
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R. H. SCOTT.
Director.

Dangerfield, Lith. 22 Bedford St Covent Gdn.

DAILY WEATHER REPORT Nov 18th 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 8.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·65	− 2	N	2	b	30·67	+ ·27	− 13	− 15	− 22	N	2	b	*	*	*	—
Hernösand ...	30·70	17	NE	4	o	30·72	+ ·32	17	17	− 9	N	2	o	*	*	*	—
Stockholm ...	30·42	28	NNE	8	o	30·58	+ ·45	20	19	− 14	NNE	2	o	*	*	*	—
Wisby	30·30	35	E	6	b	30·47	+ ·34	30	28	− 7	E	6	o	*	*	*	—
Christiansund ...	30·07	45	SSE	2	bo	30·19	+ ·29	43	37	+ 5	ESE	3	c	3	45	39	—
Skudesnaes ...	30·08	43	½	0	o	30·23	+ ·36	40	36	− 3	ESE	6	o	6	45	39	—
Oxö (Christiansand)	30·16	41	E	7	r	30·35	+ ·39	37	36	− 2	ENE	7	o	5	41	36	—
Skagen (The Skaw)	30·22	38	E	7	o	30·38	+ ·39	33	32	− 5	E	6	o	5	?	32	—
Fanö	30·30	41	SE	4	r	30·18	+ ·35	40	40	− 1	E	4	r	*	41	39	0·20
Cuxhaven ...	29·91	*	*	*	*	30·12	+ ·34	47	47	+ 6	WSW	1	of	*	?	?	0·07
Sumburgh Head	29·80	46	SE	7	r	29·90	+ ·22	47	46	− 1	SE	6	o	6	48	44	0·05
Stornoway .	29·62	49	S	2	o	29·71	+ ·34	48	46	− 3	S	6	bq	5	52	47	0·17
Thurso	29·66	49	½	0	r	29·80	+ ·28	45	44	− 4	S	1	c	2	53	40	0·19
Wick	29·67	49	SE	2	f	29·83	+ ·29	48	47	− 1	SE	2	bo	5	50	44	0·15
Nairn	29·68	48	½	0	b	29·75	+ ·29	45	42	− 8	½	0	b	2	56	40	0·12
Aberdeen ...	29·72	49	S	2	b	29·87	+ ·32	48	47	− 2	S	3	bo	4	51	49	0·03
Leith	29·76	48	WSW	3	bo	29·86	+ ·27	48	46	− 4	SSW	2	c	*	55	44	—
Shields	29·83	49	W	1	b	29·95	+ ·40	44	43	− 6	SSW	3	c	3	51	43	0·01
York	29·88	49	SW	1	b	30·00	+ ·35	46	45	− 5	SSW	1	f	*	55	40	0·01
Scarborough ...	29·88	46	SW	2	b	30·00	+ ·39	44	44	− 6	SW	2	c	2	52	43	—
Nottingham ...	29·96	48	SSW	3	b	30·03	+ ·34	50	50	0	S	4	o	*	57	42	—
Ardrossan ...	29·76	52	S	3	bo	29·84	+ ·31	48	47	− 3	ESE	2	r	3	53	47	0·02
Greencastle ...	29·64	49	S	2	b	29·74	+ ·24	45	44	0	SSW	2	b	*	53	40	—
Donaghadee ...	29·73	50	WSW	3	b	29·81	+ ·24	46	46	+ 3	WSW	2	bo	1	57	43	0·01
Kingstown ...	29·75	51	E	2	b	29·82	+ ·20	49	48	+ 2	W	2	o	1	54	46	0·08
Holyhead ...	29·87	52	SW	3	c	29·85	+ ·20	52	52	+ 3	SSW	3	m	2	54	48	0·15
Liverpool (Hoylake)	29·86	50	SSW	2	b	29·91	+ ·26	49	48	− 1	SE	3	r	2	55	45	0·01
Valencia	29·70	52	SW	5	bo	29·77	+ ·19	52	51	− 1	S	3	c	3	56	47	0·12
Roche's Point...	29·78	52	SW	5	bo	29·80	+ ·15	52	51	+ 1	SW	1	of	3	53	50	0·06
Pembroke ...	29·86	53	SW	3	c	29·81	+ ·12	53	53	+ 1	SE	5	r	4	55	51	0·18
Portishead ...	29·92	50	WSW	3	bo	29·96	+ ·27	53	53	+ 3	S	5	r	3	53	47	0·06
Scilly	29·90	54	SW	5	c	29·86	+ ·07	56	56	+ 3	SW	5	f	5	58	52	0·35
Plymouth ...	29·97	52	SW	3	o	29·92	+ ·13	54	54	+ 8	SW	2	r	*	57	47	0·60
Hurst Castle ...	29·97	53	WSW	3	b	30·04	+ ·26	55	55	+ 3	SSW	4	o	4	56	50	0·62
Dover	30·01	49	WSW	3	b	30·13	+ ·38	52	51	0	SW	3	bo	3	55	48	0·04
London	30·01	53	WSW	1	b	30·08	+ ·32	50	50	− 1	S	2	bo	*	57	46	—
Oxford	*	*	*	*	*	30·02	+ ·28	57	50	+ 1	SE	1	f	*	55	45	0·04
Cambridge ...	29·98	45	W	1	b	30·08	+ ·36	46	46	− 3	SSE	1	o	*	57	40	—
Yarmouth ...	29·95	48	WSW	1	b	30·10	+ ·40	46	45	− 4	SSW	1	bm	2	53	43	—
The Helder. ...	*	*	*	*	*	30·14	+ ·62	47	47	+ 4	½	0	bo	*	*	*	—
Cape Gris Nez	30·02	52	WSW	3	b	30·44	+ ·36	48	46	− 6	S	2	c	2	55	46	—
Brest	?	57	WSW	3	bo	?	?	57	55	+ 2	SW	4	r	5	57	52	0·57
L'Orient	30·42	55	W	4	o	30·10	+ ·15	55	55	+ 3	SW	5	r	4	59	50	0·08
Rochefort ...	30·47	59	NW	3	bo	30·21	+ ·06	54	54	0	SSW	2	o	3	61	50	0·08
Biarritz	30·26	63	WSW	1	b	30·29	+ ·27	54	50	− 1	SSE	3	bo	4	?	50	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·23	+ ·04	45	*	− 7	SW	3	b	*	*	*	0·03
Charleville ...	*	*	*	*	*	? 30·21	+ ·41	41	*	− 10	SW	?	o	*	*	*	*
Paris	30·34	53	W	1	r	30·26	+ ·38	39	*	− 13	SSE	2	f	*	*	*	—
Lyons	*	*	*	*	*	?	?	55	*	− 1	N	2	b	*	*	*	*
Toulon	30·04	57	W	4	b	30·12	+ ·18	52	46	− 3	NW	4	b	5	63	54	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·00	44	40	E	6	o	4	Valencia	29·66	54	? 50	SW	4	bo	4
Thurso	29·65	49	49	SE	5	r	3	Scilly	29·88	56	55	WSW	6	bo	4
Scarborough ...	29·99	51	50	SW	1	c	2	London	29·92	56	51	SW	4	c	*
Greencastle ...	29·60	51	49	S	2	b	*	Rochefort ...	30·08	57	55	NW	2	bo	3
Holyhead	29·75	54	52	SW	4	c	3								

The barometer is rising everywhere — most in the E and SE. The wind is SW. except in Caithness. Rain continues at Thurso and the weather has become more cloudy over England.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew

* **AN ASTERISK** is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday Nov. 18th 1876

REMARKS. During the past 24 hours the barometer has risen briskly over almost the whole of W. Europe, but there has been some irregularity in the change along our SW. coasts. The mean now varies from about 30.7 in. in the N. of Scotland, and 30.3 in. at Biarritz, to 29.7 in. off the W. of Scotland, and NW. of Ireland. Moderate SW. breezes are consequently felt at the S. stations, but draw round to S. in the N. parts of Great Britain, while a strong SE. breeze prevails in the Hebrides. In Denmark, and the S. of Norway the wind is strong from E., and light N. winds in the Gulf of Bothnia. Temperature has risen a little in the W. of our Islands, and fallen in the N. and E. but is still high as a whole over Europe for the time of year. In Sweden, however, it has again fallen considerably, and is very cold, the reading reported from Haparanda, this morning being minus 13°F. or 45° below the freezing point. In Belgium and the E. of France also the weather is much colder than it was yesterday. A little more rain has fallen in certain parts of our Islands, and the N. of France, and still falls at several of our W. stations. In our N. and E. coasts the weather is at present fine, and as the frost. The sea remains rough in the N. and rather so in the SW. but is slight on our other shores.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

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R. H. SCOTT.
Director.

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SUMMARY OF WEATHER IN WESTERN EUROPE

from Novr 12th to Novr 18th 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather over W^n Europe has been very unsettled during this week. Pressure has been highest over Scandinavia, and disturbances of varying intensity have passed, generally from SSW to NNE, over our W^n coasts. The wind has consequently been S^ly at most of the more S^n stations, and SE^ly to E^ly in the E and N. It blew with the force of a gale on nearly all our coasts on Sunday, and in different parts of the country increased again in the course of the week, while it may be said to have been strong (except in the S) for nearly the whole time. On Friday and Saturday the barometer rose quickly generally, and an area of high pressure was formed over France, though the highest readings still lay over Sweden. Temperature has been high for the time of year on all our coasts, and the weather though it has varied a good deal, has been moderately fine.

NOV.^r 12th. A deep depression (29.1 ins), the advance of which from the SW^ard, was noticed at the close of the previous week, lay over the S. of Ireland, and our SW. coasts. The barometer had fallen very quickly over Ireland, England, and the N. of France, but very slightly at our more N^n stations, and had been rising briskly in the N. of Scandinavia, where the readings were highest, and exceeded 30.3 ins. In consequence gradients became very steep, and fresh E^ly gales were reported on our W. and NW. coasts, hard SE^ly gales on our E. coast, and strong winds, from SE or E, in all other parts of W^n Europe. Temperature had fallen a little in the W, but risen briskly elsewhere – the change amounting to about 20° in the W. of France. Rain, which was still falling at 8 am in the SE, had been very general, and very heavy in the W. The sky was overcast. During the day the position of the principal depression changed very little, but a small secondary disturbance passed quickly across France from SW to NE, causing a severe gale over the Bay of Biscay.

NOV. 13th. The secondary depression noticed above had passed over our SE^n stations very early in the morning, and at 8 am lay between the coasts of Norfolk and Holland, and the barometer was falling at the N. Cannon, as well as at most of the Scandinavian stations, while in all other parts of W^n Europe, it was rising. The change had been much greater at our S^n, than at the N^n stations, but though gradients had thus become slighter, readings were still highest in the extreme N. and lowest to the W^ward of Ireland, and E^ly to SE^ly winds still prevailed generally. Fresh gales continued on our E. coast, and had spread to our N^n stations since the previous day, but in the W. and S. the wind had fallen lighter. Over France moderate S^ly breezes, and at Brussels a hard SW^ly gale were reported. Temperature had continued to increase. The weather was overcast almost everywhere, and the sea was very high in the E. During the day the depression in the SE ~~had~~ disappeared, and the barometer rose slowly at all stations.

NOV.^r 14th. The increase of pressure noticed on the previous day still held on our E. coast, and over the North Sea, but on all the more W^n coasts the barometer was falling again. Readings continued highest (30.1 ins) over N^n Russia, and lowest (29.1 ins) to the W^ward of Ireland, but though E^ly winds still prevailed over the North Sea, and SE^ly on our E. and N. coasts, on our SW^n and W^n coasts as well as over the Bay of Biscay the wind was S^ly. At many of our more N^n stations, moderate gales were still reported, but elsewhere the wind was fresh or strong in force. Temperature had again risen generally, and at Biarritz was as high as 72°, being a rise of 38° in five days. The sky was clear in the SE, but overcast elsewhere, with heavy rain in the W. Later in the day the fall of the barometer became general and

pressure decreased to 28·89 ins. at Valencia.

NOV. 15th. The very low pressure which had existed to the W. of Ireland, had moved N. during the night, and was found off the W. of Scotland, so that while the barometer was falling quickly in the N, in the S. a brisk fall was in progress. The wind was moderate in force, except in the NE; it was generally S. in direction, but in the W. of France a fresh fall of the barometer had appeared, and the wind had backed to SE. Temperature had increased several degrees over the greater part of these Islands, but at the Channel, and W. French stations it had fallen. The weather was cloudy or overcast every where, and rain was falling in some places. During the day the wind backed to E at the mouth of the Channel, and the fall of the barometer noticed at Biarritz extended N. to Scilly, but at all our other stations the mercury rose.

NOV. 16th. The depression noticed off the NW. coasts on the 15th, had disappeared, and a brisk rise of the barometer had occurred at our N. stations. In the S. and SW, on the contrary, the mercury was falling, and the depression, whose advance over the Bay of Biscay was noticed on the previous day, lay near the Scilly Islands. Round its centre the wind circulated very distinctly, but was nowhere more than fresh in force, while over Scotland calms prevailed. Temperature had fallen somewhat except in the S. of England, and was very uniform over these Islands. The weather was overcast and wet. Later reports showed that a depression was travelling in a due N. direction, so that while the barometer fell in the N. it rose briskly in the S; but though gradients were steep the force of the wind remained very light.

NOV. 17th. The small depression from the SW. had continued to move in a N. or NW. direction, and lay at 8 am to the W. of the Hebrides, so that while the barometer had fallen over Scotland, it had risen quickly over the greater part of these Islands and in France. In the N. of Europe also a brisk increase of pressure had taken place, and areas of high readings were reported both from the Gulf of Bothnia (30·4 ins), and the Bay of Biscay (30·1 ins) Under these circumstances winds from W. were reported over France, from SW over Ireland and England, and from SE. over the North Sea, and on NE. and N. coasts. In the latter localities they blew rather freshly. Temperature had risen several degrees at our more N. stations, but had fallen somewhat in the S, as well as over Scandinavia. The sky was overcast in the N and E. and rain was falling in the N. of France, but in most other places the weather was clear. During the day the barometer continued to rise very quickly in Sweden, and to a less extent elsewhere.

NOV. 18th The barometer had continued to rise briskly over almost the whole of W. Europe, and readings exceeded 30·7 ins. over the Gulf of Bothnia; at the SW. stations, however, the mercury was more unsteady, and a very slight depression apparently lay at the mouth of the Bristol Channel, causing rain in that neighbourhood. Readings being low over our W. stations, moderate SW. breezes were felt in the S, S. winds in the N., and strong SE. to E. breezes over the North Sea. Temperature had risen somewhat in the W. but fallen in the N. and E, and in Lapland decreased to minus 13° F. On our coasts, however, it was high for the time of year. The weather was fine in the N. and E. but very unsettled elsewhere. Later in the day a depression appeared over Ireland, which, as it moved NE., caused gradients to become steeper over the North Sea, and the SE. wind to freshen to a gale in the NE. of Scotland.

Meteorological Office,
116, *Victoria Street, Westminster, S.W.*
ROBERT H. SCOTT, Director.

DAILY WEATHER REPORT Nov 19th 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° Fg. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·48	12	N	0	0	30·25	−·42	17	17	+ 30	W	2	0	*	*	*	–
Hernösand ...	30·65	19	S	2	b	30·36	−·34	19	19	+ 2	?	2	b	*	*	*	–
Stockholm ...	30·58	28	SE	2	0	?	?	29	28	+ 9	S	2	0	*	*	*	–
Wisby	30·58	29	ESE	6	0	30·40	−·02	28	28	− 2	SE	4	0	*	*	*	–
Christiansund ...	30·21	41	SSE	?	0	30·02	?−·17	45	41	+ 2	SE	4	b	2	?	36	–
Skudesnaes ...	30·22	39	ESE	6	bc	29·99	−·24	39	35	− 1	ESE	6	c	5	41	37	–
Oxö (Xtiansand)	30·36	29	NE	7	s	30·13	−·22	38	37	+ 1	E	6	m	4	?	28	–
Skagen (The Skaw)	30·38	35	NNE	4	0	30·21	−·17	36	34	+ 3	SE	5	0	4	39	34	–
Fanö	30·16	41	E	4	0	30·04	−·14	41	41	+ 1	ESE	4	0	*	41	39	0·04
Cuxhaven ...	30·26	*	*	*	*	30·03	−·09	43	42	− 4	S	4	om	*	?	?	0·02
Sumburgh Head	29·90	47	SE	7	0	29·60	−·30	45	44	− 2	SE	8	s	8	48	44	0·19
Stornoway	29·64	50	S	4	0	29·44	−·27	42	41	− 6	SW	1	c	4	57	38	0·22
Thurso	29·74	49	SSE	4	0	29·45	−·35	46	45	+ 1	SSW	2	0	3	52	44	0·38
Wick	29·74	49	SE	4	0	29·48	−·35	46	45	− 2	S	2	c	4	50	45	0·65
Nairn	29·74	47	N	0	0	29·57	−·24	45	43	0	N	0	c	2	52	43	0·19
Aberdeen ...	29·80	49	S	6	0	29·50	−·37	45	44	− 3	SSW	1	b	5	50	45	0·79
Leith	29·75	49	S	3	c	29·56	−·30	49	47	+ 1	WSW	3	bc	*	57	46	0·23
Shields	29·83	49	SSE	2	0	29·62	−·32	49	47	+ 5	WSW	1	b	3	57	44	0·23
York	29·85	51	S	2	m	29·66	−·34	49	48	+ 3	W	1	b	*	52	44	0·18
Scarborough ...	29·87	50	S	4	0	29·65	−·35	50	49	+ 6	WSW	1	c	2	51	44	0·15
Nottingham ...	29·84	53	SSE	4	0	29·75	−·28	46	45	− 4	SW	1	b	*	55	46	0·17
Ardrossan ...	29·70	52	ESE	2	r	29·56	−·28	50	48	+ 2	WNW	2	0	3	53	48	0·29
Greencastle ...	29·63	48	N	1	0	29·55	−·19	46	45	+ 1	W	2	b	*	53	42	0·06
Donaghadee ...	29·67	51	S	2	r	29·64	−·17	43	43	− 3	W	4	b	2	57	43	0·06
Kingstown ...	29·70	52	N	0	p	29·71	−·11	49	48	0	W	2	bcm	1	53	47	0·07
Holyhead ...	29·69	53	SSW	3	m	29·70	−·15	51	50	− 1	WSW	4	cm	3	55	48	0·07
Liverpool (Bidston	29·73	53	SE	3	0	29·70	−·21	50	48	+ 1	SW	3	0	3	53	47	0·12
Valencia	29·74	49	NW	3	0	29·51	+·04	50	49	− 2	W	2	c	3	56	47	0·41
Roche's Point...	29·71	51	SSW	5	r	29·78	−·02	50	48	− 2	WSW	3	bc	4	55	46	0·25
Pembroke ...	29·74	53	WSW	3	f	29·78	−·03	52	49	− 1	W	5	bc	4	55	50	0·11
Portishead ...	29·80	57	SSW	4	0	29·82	−·14	49	48	− 4	WSW	3	c	3	57	46	0·31
Scilly	29·84	55	W	6	0	29·89	+·03	53	52	− 3	WSW	4	0	4	57	51	0·03
Plymouth ...	29·85	55	SW	4	0	29·88	−·05	50	49	− 4	W	3	b	*	57	48	0·07
Hurst Castle ...	29·86	56	SW	4	0	29·85	−·19	51	50	− 4	WNW	4	b	4	56	48	0·48
Dover	29·97	52	SW	5	0	29·80	−·33	52	51	0	SW	3	bq	3	55	51	0·23
London	29·81	46	SSE	2	b	29·81	−·27	46	45	− 4	WSW	2	b	*	56	46	0·26
Oxford	*	*	*	*	*	29·80	−·22	46	44	− 5	WSW	2	0	*	55	45	0·26
Cambridge ...	29·90	46	SSE	1	r	29·77	−·31	50	48	+ 4	SW	2	0	*	55	45	0·22
Yarmouth ...	30·00	49	S	4	r	29·74	−·36	51	50	+ 5	WSW	3	bcm	2	52	45	0·23
The Helder ...	*	*	*	*	*									*	*	*	
Cape Gris Nez	30·00	50	S	4	r	29·84	−·30	54	52	+ 6	WSW	4	bc	4	55	46	0·24
Brest	?	57	WNW	4	0	?	?	55	55	− 2	W	2	r	4	57	54	0·20
L'Orient	30·06	57	W	5	mo	30·01	−·09	57	57	+ 2	W	3	0	3	59	54	0·55
Rochefort ...	30·13	57	SW	5	0	30·07	−·14	59	59	+ 5	WSW	5	r	3	59	48	0·59
Biarritz	30·28	63	N	0	c	30·25	−·04	57	54	+ 3	SSW	3	r	5	63	52	0·46
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·96	−·27	49	*	+ 4	SSW	3	r	*	*	*	*
Charleville ...	*	*	*	*	*	? 29·82	−·39	47	*	+ 6	SE	3	or	*	*	*	*
Paris	30·12	57	S	3	r	29·95	−·31	54	*	+ 15	SSW	1	0	*	*	*	0·16
Lyons	*	*	*	*	*	?	?	52	*	− 3	SE	2	m	*	*	*	*
Toulon	30·10	55	NW	4	b	30·08	−·04	55	45	+ 3	NW	3	c	4	61	52	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·25	37	35	SE	6	b	4	Valencia	29·69	54	52	S	4	0	4
Thurso	29·80	49	47	S	2	c	2	Scilly	29·84	57	56	SW	6	m	5
Scarborough ...	29·95	50	49	S	3	f	2	London	29·99	55	54	SSE	2	ogr	*
Greencastle ...	29·69	52	50	SSE	2	c	*	Rochefort ...	30·18	57	55	SSW	4	r	3
Holyhead	29·74	54	53	SSE	4	d	2								

The barometer is falling somewhat irregularly on all our coasts. S'ly winds are general and blow strongly both at Scilly and Aberdeen, with cloudy weather and rain at some places.

EXPLANATION OF COLUMNS.

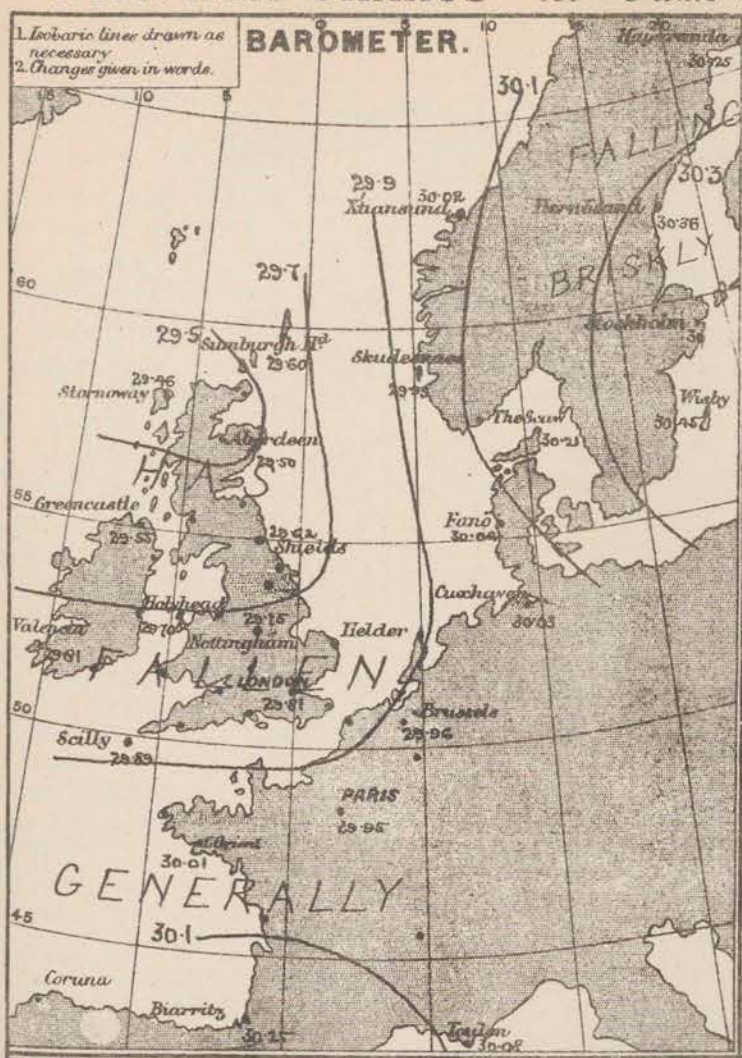
WEATHER.—*Beaufort scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Sunday Nov. 19th 1876



REMARKS The barometer, which, it will be remembered, was rising at almost all our stations at 8am yesterday began to fall again during the morning, the decrease being tolerably uniform over these Islands. This new decrease appears to have been caused by the advance of a depression from the Atlantic, which traversed the north of Ireland during the night, and is now found over the more northern parts of Scotland. During its progress the wind freshened considerably from S. in the east of Scotland, and blew a fresh gale from that quarter for several hours but, as pressure has now decreased over Scandinavia, the gradients for S. winds have been reduced and the gale has entirely subsided except at Lerwick Head. In the rear of the depression;– i.e. on our west and south west coasts the barometer is now rising and the wind has veered to W but over our eastern stations the North Sea and Scandinavia pressure still decreases and S. to SE. winds are blowing. Temperature has changed very slightly over our Islands but has risen a few degrees at almost all the Continental stations. Rain has fallen very generally but has now ceased in most places, and the weather has improved considerably in all but our northern coasts. The sea is very high at Lerwick Hd, rough at Aberdeen and Skudesnaes, moderate or slight elsewhere.

Warnings were issued to the east of Scotland yesterday evening.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Darnerfield, Lith. 22, Bedford St. Covent Garden

DAILY WEATHER REPORT Nov^R 20TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·09	14	NW	2	o	29·96	− ·29	17	17	o	NW	2	o	*	*	*	—
Hernösand ...	30·12	28	S	4	be	29·95	− ·41	30	29	+ 11	SSW	4	c	*	*	*	—
Stockholm ...	30·17	31	SSE	2	o	30·02	− ·03	32	31	+ 3	S	2	o	*	*	*	—
Wisby	30·23	30	SE	4	b	30·07	− ·38	28	28	o	SSE	4	be	*	*	*	—
Christiansund ...	29·90	34	SSE	1	b	29·78	− ·24	33	31	− 12	S	1	be	1	45	28	—
Skudesnaes ...	29·68	43	ESE	6	o	29·77	− ·22	43	39	+ 4	ESE	4	o	4	43	39	—
Oxö (Xtiansand)	29·87	41	E	7	o	29·79	− ·36	40	39	+ 2	E	6	r	4	41	?	—
Skagen (The Scaw)	29·97	37	SSE	6	r	29·88	− ·33	35	34	− 1	SE	5	o	5	37	32	0·04
Fanö	29·92	40	ESE	4	r	29·70	− ·34	40	40	− 1	ESE	4	r	*	41	39	0·16
Cuxhaven ...	29·81	*	*	*	*	29·65	− ·38	45	44	+ 1	SSE	3	m	*	?	?	0·11
Sumburgh Head	29·49	46	SE	7	r	29·68	+ ·08	46	45	+ 1	NE	3	•		46	43	0·26
Stornoway	29·48	40	NNW	1	c	29·76	+ ·32	42	42	o	NW	1	be	3	48	39	0·16
Thurso	29·48	40	Z	o	b	29·70	+ ·25	48	47	+ 2	N	2	c	3	50	34	0·01
Wick	29·48	40	Z	o	b	29·71	+ ·23	42	42	− 4	NW	1	o	6	49	36	—
Nairn	29·50	39	Z	o	o	29·73	+ ·22	40	39	− 5	NNW	1	o	2	49	37	0·01
Aberdeen ...	29·47	46	SSW	1	c	29·65	+ ·15	45	43	o	NNW	5	c	4	49	43	[illegible]
Leith	29·49	47	WSW	3	o	29·72	+ ·16	41	41	− 8	WSW	2	bf	*	54	40	0·03
Shields	29·53	48	WSW	2	b	29·68	+ ·06	42	40	− 7	NNW	2	bm	2	57	40	0·02
York	29·63	46	NNW	1	be	29·69	+ ·03	43	42	− 6	N	2	f	*	53	41	0·24
Scarborough ...	29·60	45	NSW	2	b	29·67	+ ·02	45	44	− 5	NW	1	bf	2	57	43	0·01
Nottingham ...	29·66	48	SW	2	b	29·72	− ·03	45	45	− 1	Z	o	r	*	55	44	0·28
Ardrossan ...	29·43	50	SW	2	b	29·79	+ ·23	49	47	− 1	NW	2	c	1	57	47	0·17
Greencastle ...	29·50	47	NW	3	o	29·81	+ ·26	49	43	+ 3	NNW	3	o	*	50	43	0·24
Donaghadee ...	29·53	47	W	5	b	29·79	+ ·15	48	48	+ 5	NNW	5	o	4	49	43	0·02
Kingstown ...	29·67	49	W	5	b	29·86	+ ·15	47	45	− 2	NNW	5	be	4	52	45	—
Holyhead ...	29·65	50	WSW	5	o	29·80	+ ·10	50	47	− 1	NW	6	c	5	53	49	0·07
Liverpool (Bidston)	29·62	48	WSW	3	o	29·71	+ ·01	48	46	− 2	W	6	o	4	57	46	0·29
Valencia	29·74	52	NW	3	r	30·02	+ ·21	47	46	− 3	NNW	1	c	4	?	45	0·04
Roche's Point...	29·90	50	NW	4	be	29·99	+ ·21	48	45	− 2	NNW	3	be	3	53	47	—
Pembroke ...	29·76	51	NNW	5	b	29·90	+ ·12	50	48	− 2	NW	4	be	2	53	49	—
Portishead ...	29·75	50	WSW	5	c	29·81	− ·01	48	46	− 1	W	5	be	4	54	45	0·01
Scilly	29·88	54	NNW	5	c	29·98	+ ·09	53	50	o	NW	5	o	4	55	50	0·02
Plymouth ...	29·83	53	W	2	b	29·91	+ ·03	48	47	− 2	NW	2	b	*	55	47	—
Hurst Castle ...	29·77	53	W	3	o	29·81	+ ·04	49	48	− 2	NW	5	b	4	53	47	0·02
Dover	29·75	50	WSW	3	b	29·66	− ·14	47	45	− 5	NNW	3	be	3	52	45	—
London	29·75	52	Z	o	b	29·73	− ·08	46	44	o	NW	2	be	*	56	44	—
Oxford	*	*	*	*	*	29·75	− ·05	48	45	+ 2	W	2	o	*	55	45	—
Cambridge ...	29·72	50	SW	1	o	29·72	− ·05	46	44	− 4	NW	1	c	*	59	45	—
Yarmouth ...	29·69	49	WSW	1	be	29·63	− ·11	46	45	− 5	NW	2	of	2	57	44	0·03
The Helder... ...	*	*	*	*	*	29·57		45	45		N	o	f	*	*	*	0·12
Cape Gris Nez	29·78	52	W	3	b	29·70	− ·14	48	46	− 6	NW	6	o	5	54	48	—
Brest	?	57	NW	3	o	?	?	54	48	− 1	NNW	4	o	3	57	52	0·28
L'Orient	29·92	55	NW	4	m	30·04	+ ·03	50	48	− 7	NW	3	c	4	59	48	0·43
Rochefort ...	29·95	59	NNW	6	r	30·01	− ·06	54	52	− 5	NNW	3	o	3	59	50	0·55
Biarritz	30·16	63	WSW	4	r	30·09	− ·16	59	57	+ 2	W	4	r	5	61	55	0·39
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·65	− ·31	47	*	− 2	WSW	3	c	*	*	*	0·20
Charleville ...	*	*	*	*	*	? 29·66	− ·16	46	*	− 1	SW	3	o	*	*	*	*
Paris	29·80	54	NW	2	o	29·82	− ·13	48	*	− 6	W	3	b	*	*	*	—
Lyons	*	*	*	*	*	?	?	55	*	+ 3	N	2	c	*	*	*	*
Toulon	29·98	54	NW	4	•	29·74	− ·24	55	52	o	NW	5	be	6	59	54	0·08

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·78	41	37	ESE	8	o	5	Valencia							
Thurso								Scilly							
Scarborough ...								London							*
Greencastle ...							*	Rochefort ...	29·97	?	?	W	6	r	4
Holyhead															

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Monday 20th Novr 1876

REMARKS The general rise of the barometer which was in progress on Saturday morning ceased during the day, and the evening reports showed that a depression was lying over our north western stations, while the wind at Valentia had veered to NW. The movements of this depression have been very irregular. During Saturday night it travelled slowly in a Nly direction but has since moved SEly and is now shown over the North Sea and Holland. The barometer is consequently falling this morning at all the more eastern stations, while it is rising briskly in the west and north of these Islands, and to a less extent in the west of France. Readings are now high to the SWd of the British Isles as well as over the Baltic, and a very distinct circulation of the wind is shown round the low pressure. On our coasts it is generally NWly, over France Wly to SWly, and on the eastern shores of the North Sea SEly to Ely. It is generally moderate in force. Temperature has fallen at nearly all our stations but has risen in Sweden. A little rain has occurred generally. The sky is overcast or more or less cloudy in most places and fog is reported on our east coasts. The sea is rough at Wick and Cape Bristhez but is moderate to slight elsewhere.

The east of Scotland was warned on Saturday evening, and the signals were lowered again yesterday.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 5/ per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Dangerfield, lith. 22 Bedford St Covent Garden

DAILY WEATHER REPORT Nov^R 21st 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.94	14	N	0	0	29.69	− .27	16	15	− 1	N	0	0	*	*	*	—
Hernösand ...	30.23	21	SSW	2	b	29.93	− .02	28	27	− 2	SW	2	c	*	*	*	—
Stockholm ...	30.01	29	S	2	c	30.06	+ .04	29	27	− 3	SW	2	0	*	*	*	—
Wisby	30.05	33	SSE	4	b	30.11	+ .04	34	32	+ 6	SSE	4	0	*	*	*	—
Christiansund ...	29.95	40	SW	3	0	30.06	+ .28	40	38	+ 7	NNW	3	0	2	?	28	—
Skudesnaes ...	29.98	42	N	0	0	30.08	+ .31	42	40	− 1	NE	2	0	3	43	41	—
Oxö (Xtiansand)	29.98	36	NNE	4	0	30.09	+ .32	37	36	− 3	NNE	4	0	2	?	34	—
Skagen (The Scaw)	29.99	33	E	3	0	30.09	+ .21	32	30	− 3	E	2	0	0	37	30	—
Fanö	29.94	36	E	4	r	30.06	+ .36	34	33	− 6	NE	3	0	*	39	34	—
Cuxhaven ...	29.75	*	*	*	*	30.01	+ .36	39	39	− 5	ENE	3	0	*	?	?	—
Sumburgh Head	29.91	46	NE	1	c	30.08	+ .40	45	45	− 1	ESE	1	0	3	47	43	0.01
Stornoway	29.94	47	NW	1	0	30.05	+ .29	44	43	+ 2	WNW	1	0	2	49	42	0.02
Thurso	29.92	45	N	0	b	30.07	+ .37	43	42	− 5	S	1	0	1	57	39	—
Wick	29.92	43	NW	1	c	30.09	+ .38	44	43	+ 2	N	0	0	3	48	38	—
Nairn	29.95	43	NNW	1	0	30.10	+ .37	42	41	+ 2	N	0	om	2	46	39	—
Aberdeen ...	29.88	47	NNW	4	0	30.07	+ .42	40	? 39	− 5	N	0	cm	3	48	39	0.03
Leith	29.93	47	WNW	1	0	30.10	+ .38	43	42	+ 2	WNW	1	of	*	50	40	—
Shields	29.87	45	N	4	b	30.08	+ .40	43	42	+ 1	NNW	1	om	3	48	40	0.01
York	29.85	47	N	2	0	30.08	+ .39	41	41	− 2	N	1	c	*	49	39	0.01
Scarborough ...	29.85	47	N	2	b	30.08	+ .41	48	47	+ 3	NE	1	0	2	48	44	0.02
Nottingham ...	29.88	47	WNW	2	0	30.09	+ .37	44	43	− 1	N	0	mw	*	49	41	0.13
Ardrossan ...	29.95	42	NW	1	b	30.09	+ .30	43	41	− 6	ENE	1	om	0	52	37	—
Greencastle ...	29.94	49	N	2	b	30.04	+ .23	40	39	− 9	NW	1	bc	*	52	32	0.02
Donaghadee ...	29.94	50	SW	2	c	30.08	+ .29	42	42	− 6	S	1	bc	0	50	42	—
Kingstown ...	29.97	49	WNW	4	0	30.06	+ .20	48	47	+ 1	S	1	cf	0	50	46	—
Holyhead ...	29.92	51	NNW	5	c	30.06	+ .26	41	40	− 9	S	1	bcw	1	52	41	0.01
Liverpool (Bidston	29.91	45	WNW	1	b	30.08	+ .37	42	41	− 6	NE	1	b	1	49	42	—
Valencia	30.02	47	N	0	c	29.97	− .05	49	47	+ 2	ESE	3	r	3	53	43	0.02
Roche's Point...	30.02	49	NW	3	bc	30.04	+ .05	47	45	− 1	SSE	4	bc	3	52	39	—
Pembroke ...	29.61	50	NNW	2	0	30.06	+ .16	42	41	− 8	ENE	1	f	2	52	41	—
Portishead ...	29.89	46	WNW	3	b	30.07	+ .26	40	40	− 8	ENE	1	m	2	52	35	—
Scilly	30.01	57	N	4	0	30.04	+ .06	49	46	− 4	E	1	bc	2	?	47	—
Plymouth ...	29.95	48	NW	2	bc	30.07	+ .16	37	36	− 11	NNE	2	bf	*	55	37	—
Hurst Castle ...	29.87	50	NNW	4	b	30.05	+ .24	39	39	− 10	N	1	bw	1	52	36	0.01
Dover	29.78	46	NW	4	b	29.98	+ .32	42	46	0	NNW	4	ad	3	50	45	0.19
London	29.85	48	NNW	2	c	30.04	+ .31	45	44	− 1	NW	1	fg	*	49	43	0.05
Oxford	*	*	*	*	*	30.07	+ .32	43	42	− 5	N	0	f	*	50	40	—
Cambridge ...	29.83	43	NW	1	c	30.05	+ .33	44	44	− 2	NW	1	0	*	50	38	0.09
Yarmouth ...	29.76	46	NNW	2	c	30.00	+ .37	47	47	+ 1	NNE	1	bcm	2	48	44	0.01
The Helder... ...	*	*	*	*	*	30.00	+ .43	39	38	− 6	NE	2	c	*	*	*	—
Cape Gris Nez	29.76	48	NW	5	b	29.95	+ .25	46	46	− 2	ESE	1	r	*	50	45	0.20
Brest	?	55	NW	2	r	?	?	46	45	− 8	E	1	c	3	55	43	—
L'Orient	30.02	52	NNW	3	c	30.08	+ .04	45	45	− 5	ENE	2	b	3	55	43	—
Rochefort ...	30.00	55	NW	3	0	30.01	.00	46	45	− 8	NW	3	b		59	?	—
Biarritz	30.05	63	W	1	r	30.02	− .07	54	? 54	− 5	NNW	1	r	5	?	52	0.67
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.94	+ .29	44	*	− 3	NNW	3	0	*	*	*	0.10
Charleville ...	*	*	*	*	*	? 29.82	+ .16	44	*	− 2	NW	?	bc	*	*	*	*
Paris	29.81	49	NNW	3	0	29.97	+ .15	45	*	− 3	NW	3	0	*	*	*	0.12
Lyons	*	*	*	*	*	?	?	50	*	− 5	NW	2	r	*	*	*	*
Toulon	29.79	54	NW	5	b	29.73	− .01	46	41	− 9	NW	5	b	6	63	54	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.00	43	39	NE	1	0	3	Valencia	30.02	52	49	N	0	c	1
Thurso	29.93	49	46	N	2	b	3	Scilly	30.00	52	49	NNW	4	c	4
Scarborough ...	29.77	48	47	NNW	3	r	3	London	29.76	48	46	NW	2	or	*
Greencastle ...	29.59	51	48	N	2	0	*	Rochefort ...	30.01	55	52	NNW	3	0	3
Holyhead	29.97	57	49	NNW	4	c	5								

The barometer has begun to fall again at Valentia since Noon, but continues to rise elsewhere,— most in the E. The wind is N^LY on all coasts, and the weather is generally overcast with rain in the E.

EXPLANATION OF COLUMNS.

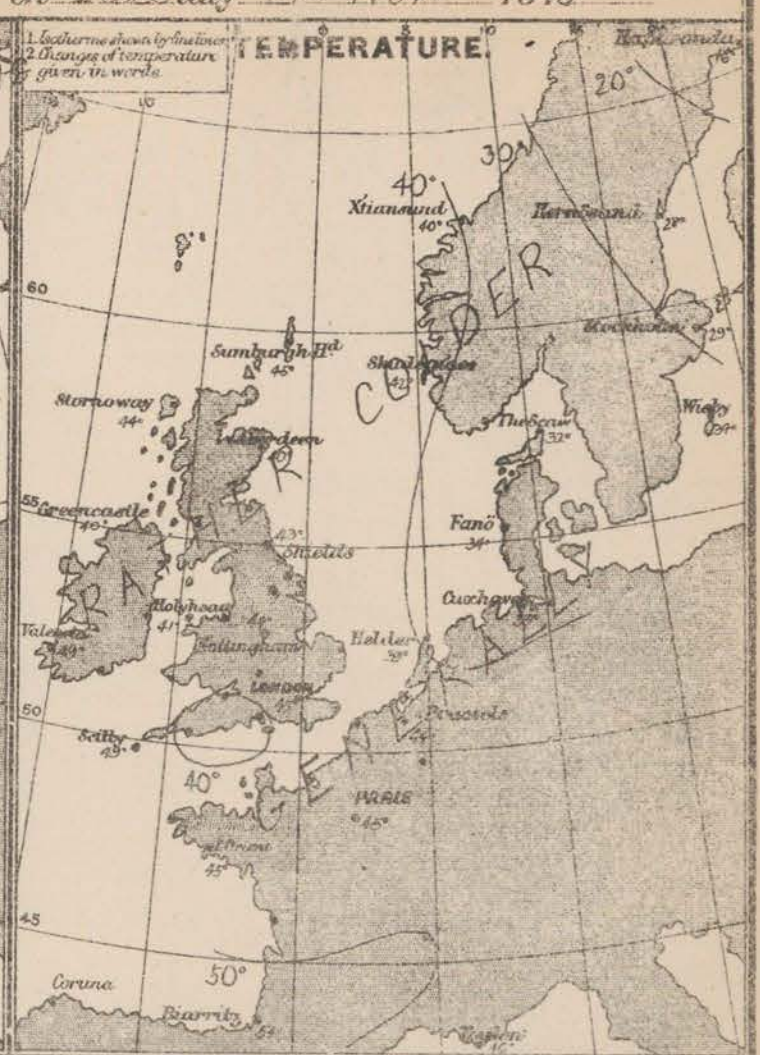
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 21st Novr 1876



REMARKS The depression reported from the neighbourhood of Holland yesterday has since continued to travel in a S.E. direction, and is found this morning on the south east of France. The barometer is consequently falling at Toulon, while it has risen briskly on the shores of the North Sea, and to a less extent in nearly all parts of Western Europe. At Valentia, however, a slight decrease has set in since ten p.m. last night, while over the Gulf of Bothnia the fall noted yesterday still continues. Pressure is therefore highest over Great Britain and the North Sea and decreases towards the west, south and northeast, in each of which districts the direction of the wind is proportionately affected. Over these Islands pressure is exceedingly uniform, and calms or variable airs prevail. Temperature has fallen in most places but shows a tendency to rise again at Valentia. The weather is very generally cloudy, and a great deal of mist and fog is reported, with rain at Valentia. The sea is slight on all coasts.

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Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Dangerfield, Lith. 22, Bedford St Covent Garden

DAILY WEATHER REPORT Nov 22nd 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·00	23	N	2	b	30·04	+ ·35	18	17	+ 2	NW	2	bc	*	*	*	—
Hernösand ...	30·15	29	NSW	2	b	30·28	+ ·36	30	29	+ 2	NW	2	o	*	*	*	—
Stockholm ...	30·16	28	NW	3	c	30·32	+ ·26	24	23	− 5	SW	2	f	*	*	*	—
Wisby	30·21	33	S	2	o	30·36	+ ·25	33	32	− 1	S	2	o	*	*	*	—
Christiansund ...	30·17	39	SW	1	c	30·17	+ ·11	39	38	− 1	SE	2	c	6	?	34	—
Skudesnaes ...	30·20	37	N	o	b	30·29	+ ·21	42	40	o	SSE	4	o	4	42	37	—
Oxö (Xtiansand)	30·22	37	NNW	4	o	30·32	+ ·23	36	33	− 1	NNE	4	c	2	37	34	—
Skagen (The Skaw)	30·26	32	NNE	2	o	30·36	+ ·27	32	30	o	N	o	c	0	32	27	—
Fanö	30·26	33	NE	4	o	30·35	+ ·29	35	33	+ 1	NE	1	o	*	36	34	—
Cuxhaven ...	30·14	*	*	*	*	30·32	+ ·31	38	38	− 1	ESE	1	o	*	?	?	—
Sumburgh Head	30·12	46	SSE	2	c	30·10	+ ·02	45	43	o	SE	3	o	4	48	43	0·10
Stornoway	30·03	46	S	1	o	29·93	− ·12	48	46	+ 4	S	6	o	5	48	44	—
Thurso	30·09	40	S	1	bc	30·03	− ·04	38	37	− 5	SSE	1	cm	1	57	36	—
Wick	30·10	47	S	1	o	30·06	− ·03	46	43	+ 2	SE	3	b	3	49	42	—
Nairn	30·11	41	N	o	b	30·06	− ·04	41	40	− 1	N	o	c	0	44	38	—
Aberdeen ...	30·11	45	S	1	o	30·11	+ ·04	46	45	+ 6	S	4	o	2	48	40	0·13
Leith	30·14	40	ESE	1	b	30·15	+ ·05	36	36	− 7	SE	1	bc	*	53	35	—
Shields	30·15	46	ESE	2	o	30·18	+ ·10	46	44	+ 3	S	2	cm	3	46	42	0·14
York	30·15	47	N	2	o	30·22	+ ·14	45	44	+ 4	S	1	o	*	48	39	—
Scarborough ...	30·16	48	ENE	3	o	30·24	+ ·16	44	43	− 4	S	2	c	2	48	44	0·02
Nottingham ...	30·17	45	NNW	1	c	30·25	+ ·16	42	42	− 2	ESE	1	of	*	49	41	—
Ardrossan ...	30·13	43	ENE	2	bc	?	?	46	44	+ 3	SE	3	cm	3	48	41	—
Greencastle ...	30·02	47	SE	2	o	29·95	− ·09	48	47	+ 8	S	3	o	*	50	37	0·02
Donaghadee ...	30·09	48	SSE	3	c	30·06	− ·02	48	47	+ 6	SSE	5	c	3	49	41	—
Kingstown ...	30·09	49	S	3	c	30·05	− ·01	50	48	+ 2	SSE	5	o	3	60	47	—
Holyhead ...	30·09	44	SSW	1	b	30·11	+ ·05	44	40	+ 3	S	3	c	2	49	40	—
Liverpool (Bidston)	30·4	43	SSE	1	c	30·17	+ ·09	39	39	− 3	SE	3	f	2	47	39	—
Valencia	29·92	53	SSE	6	r	29·85	− ·12	55	54	+ 6	S	5	o	5	55	47	0·86
Roche's Point...	30·02	50	S	5	o	29·98	− ·06	53	52	+ 6	S	6	rf	5	53	47	0·32
Pembroke ...	30·10	47	SE	2	b	30·10	+ ·04	49	47	+ 7	SSE	5	c	3	49	40	—
Portishead ...	30·11	46	N	0	o	30·19	+ ·12	40	40	o	ENE	2	m	2	52	37	—
Scilly	30·07	53	SSE	4	c	30·07	+ ·03	53	51	+ 4	SSE	6	o	4	56	48	—
Plymouth ...	30·13	43	ENE	1	b	30·15	+ ·08	40	39	+ 3	E	2	c	*	51	36	—
Hurst Castle ...	30·13	47	NE	2	o	30·21	+ ·16	45	45	+ 6	ESE	3	bw	2	48	37	0·01
Dover	30·14	46	NE	?	bc	30·26	+ ·28	42	39	− 5	E	3	c	3	50	42	0·09
London	30·15	50	N	o	o	30·24	+ ·20	42	42	− 3	SE	1	og	*	48	40	—
Oxford	*	*	*	*	*	30·24	+ ·17	38	38	− 5	N	o	c	*	48	38	0·01
Cambridge ...	30·20	46	NW	1	o	30·28	+ ·23	39	38	− 5	SE	1	f	*	49	37	—
Yarmouth ...	30·13	45	N	o	bc	30·27	+ ·27	42	40	− 5	ESE	3	bc	3	48	41	0·01
The Helder... ...	*	*	*	*	*	30·29	+ ·29	38	36	− 1	N	o	c	*	*	*	—
Cape Gris Nez	30·09	41	E	2	bc	?	?	37	36	− 9	ESE	3	o	4	48	? 36	—
Brest	?	55	SSE	2	bc	?	?	48	45	+ 2	SE	4	o	4	?	45	—
L'Orient	30·14	46	S	1	m	30·17	+ ·09	43	43	− 2	ESE	3	m	3	54	41	—
Rochefort ...	30·10	55	NE	2	b	30·14	+ ·13	43	43	− 3	E	2	b	3	55	43	—
Biarritz	30·09	61	N	o	b	30·09	+ ·09	39	39	− 15	E	3	m	3	?	36	0·08
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·27	+ ·33	35	*	− 9	ENE	1	o	*	*	*	*
Charleville ...	*	*	*	*	*	? 30·09	+ ·27	36	*	− 8	?	?	o	*	*	*	*
Paris	30·10	45	NW	3	o	30·22	+ ·25	38	*	− 7	NE	4	o	*	*	*	—
Lyons	*	*	*	*	*	?	?	37	*	+ 1	NW	?	o	*	*	*	*
Toulon	29·74	48	NW	5	b	29·88	+ ·15	48	39	+ 2	NW	2	b	5	54	45	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·15	?	39	NNE	1	c	1
Thurso	30·08	49	47	S	1	b	1
Scarborough ...	30·13	48	47	ENE	1	o	1
Greencastle ...	30·02	49	47	S	2	b	*
Holyhead	30·09	49	46	SSW	1	c	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29·93	52	50	SE	4	o	4
Scilly	30·05	54	51	SSE	3	c	2
London	30·10	49	47	NW	1	cm	*
Rochefort ...	30·06	55	52	NE	2	b	3

The fall of the barometer noticed at Valentia still continues and has extended to Moville; it is however, very slight and elsewhere the mercury is rising. The S'ly breeze in the West is advancing Eastward.

EXPLANATION OF COLUMNS.

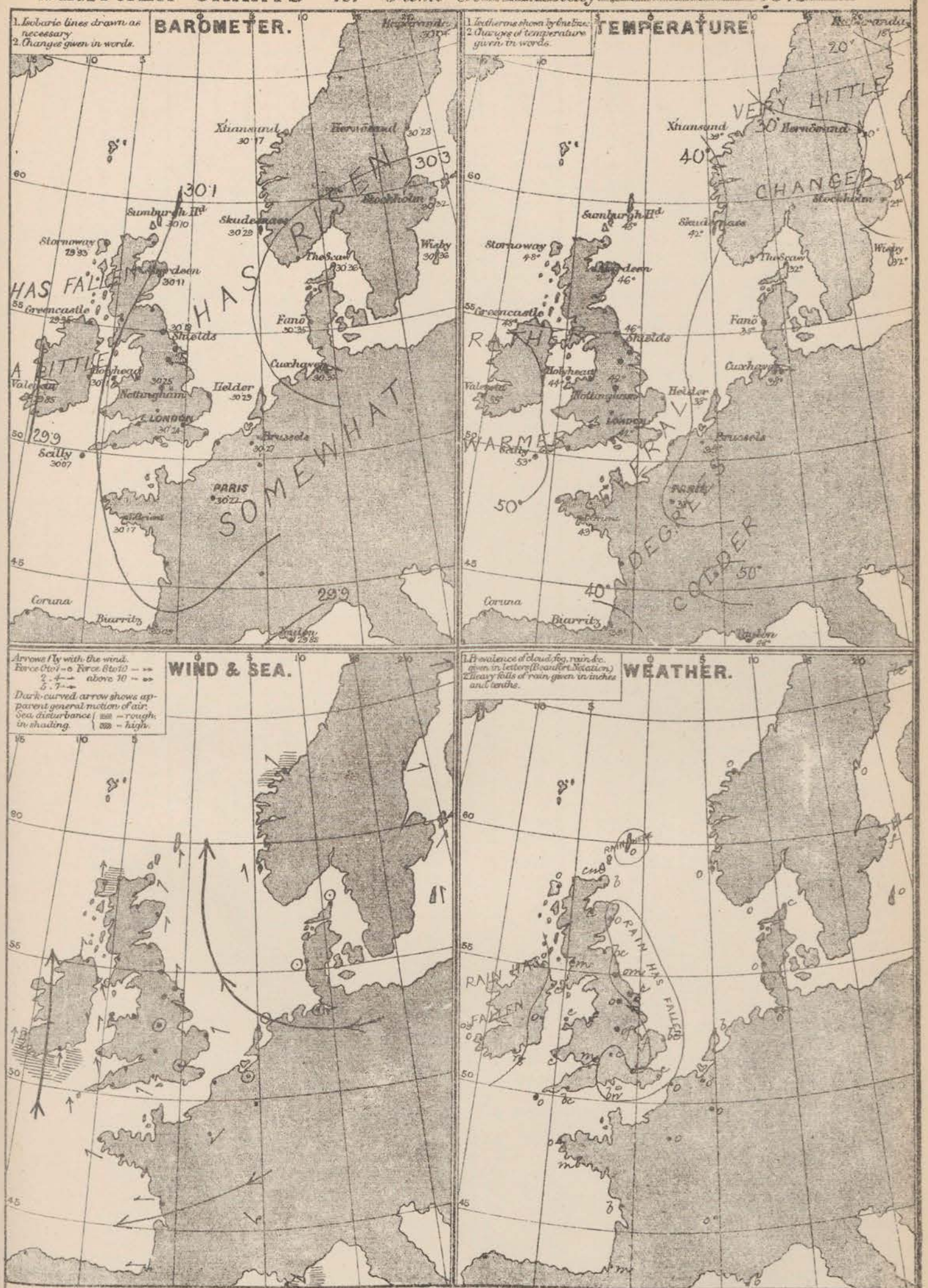
WEATHER.—*Beaufort Scale* is. b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* **AN ASTERISK** is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Wednesday 22nd Novr 1876



REMARKS During the past twenty-four hours the fall of the barometer noticed at Valentia yesterday has continued and spread over the whole of Ireland, and the west and north of Scotland but in all other parts of Western Europe the mercury has risen, and the area of highest pressure has been formed over Denmark and the south of Scandinavia. The wind is consequently E^ly over North Germany, France and the Channel, and S^ly on our western and northern coasts. It blows freshly at our western stations but is light or moderate in force elsewhere. Temperature has decreased over France and the south-east of England but has increased in most other places, at our Central stations the weather is cold and damp. The sky is cloudy generally, and fog and mist are still very prevalent. The sea is rough in the south-west but is moderate to slight elsewhere.

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Meteorological Office,
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R. H. SCOTT.
Director.

Dangerfield, Lith. 22, Bedford St Covent Garden

DAILY WEATHER REPORT Nov^R 23rd 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·13	23	W	2	o	30·05	+ ·01	23	23	+ 5	SW	2	o	*	*	*	—
Hernösand ...	30·31	15	?	o	r	30·26	− ·02	?	?	?	?	o	b	*	*	*	—
Stockholm ...	30·44	26	SW	2	f	30·45	+ ·13	28	?	+ 4	WSW	4	f	*	*	*	—
Wisby	30·45	33	S	2	c	30·56	+ ·20	33	32	o	SW	4	o	*	*	*	—
Christiansund ...	30·17	38	SSW	? 1	b	30·08	− ·09	39	37	o	SE	2	c	5	43	36	—
Skudesnaes ...	30·24	40	SSE	7	r	30·31	+ ·02	41	39	− 1	SE	7	o	6	43	41	—
Oxö (Xtiansand)	30·40	?	SE	4	o	30·40	+ ·08	36	? 33	o	SSE	4	o	2	37	34	—
Skagen (The Scaw)	30·43	36	SSE	2	o	30·46	+ ·10	33	30	+ 1	W	2	o	0	36	30	—
Fanö	30·45	34	E	2	o	30·48	+ ·13	34	32	− 1	ESE	4	o	*	36	32	—
Cuxhaven ...	30·38	*	*	*	*	30·38	+ ·06	31	30	− 7	ESE	3	o	*	?	?	—
Sumburgh Head	30·00	46	SSE	4	c	29·93	− ·17	46	44	+ 1	? S	6	c	6	48	44	—
Stornoway	29·84	49	S	6	r	29·80	− ·13	48	46	o	S	9	o	8	50	46	0·04
Thurso	29·93	43	SSE	4	c	29·89	− ·14	46	44	+ 8	SSE	2	o	2	48	37	—
Wick	29·94	47	SSW	3	o	29·92	− ·14	46	44	o	S	3	b	3	48	44	—
Nairn	29·97	47	SW	2	c	29·93	− ·13	46	44	+ 5	SE	3	o	3	48	41	—
Aberdeen ...	30·08	45	S	5	b	30·02	− ·09	42	41	− 4	S	7	g	3	48	42	—
Leith	30·12	41	SSW	1	c	30·06	− ·09	38	36	+ 2	SSW	2	be	*	49	35	—
Shields	30·21	43	SSW	3	b	30·17	− ·07	38	36	− 8	SSW	4	m	3	47	36	—
York	30·24	43	S	3	o	30·20	− ·02	39	36	− 6	S	4	o	*	48	36	—
Scarborough ...	30·26	43	S	3	o	30·19	− ·05	39	38	− 5	S	4	o	3	46	38	—
Nottingham ...	30·28	42	SSE	4	o	30·20	− ·05	37	35	− 5	SSE	3	o	*	50	36	—
Ardrossan ...	30·07	48	SE	4	o	30·03	?	42	40	− 4	ESE	5	o	5	50	42	—
Greencastle ...	29·90	50	SSE	2	o	29·85	− ·10	47	46	− 1	SE	3	o	*	57	45	0·14
Donaghadee ...	30·04	50	S	5	o	29·97	− ·09	46	46	− 2	SSE	6	o	4	50	46	—
Kingstown ...	30·01	54	S	5	c	29·90	− ·15	48	45	− 2	SSE	6	o	4	52	47	0·06
Holyhead ...	30·08	47	S	3	b	30·00	− ·11	41	39	− 3	S	3	be	2	50	40	—
Liverpool (Bidston)	30·16	42	ESE	3	b	30·08	− ·09	38	36	− 1	ESE	4	o	3	45	36	—
Valencia	29·78	55	SSE	7	r	29·61	− ·24	54	52	− 1	SSE	8	r	6	55	57	1·05
Roche's Point...	29·94	52	S	7	r	29·77	− ·21	52	50	+ 1	S	8	o	6	54	57	0·16
Pembroke ...	30·06	52	SSE	5	be	29·95	− ·15	46	43	− 3	SE	6	o	4	51	45	—
Portishead ...	30·17	41	E	4	c	30·09	− ·10	41	39	+ 1	E	4	o	3	49	32	—
Scilly	30·02	54	SSE	6	r	29·89	− ·18	50	49	− 3	ESE	9	o	6	54	49	—
Plymouth ...	30·13	48	SE	3	be	30·03	− ·12	43	41	+ 3	SE	5	o	*	54	40	—
Hurst Castle ...	30·21	43	ESE	4	c	30·12	− ·09	44	43	− 1	SE	3	g	3	47	40	—
Dover	30·27	41	E	3	c	30·22	− ·04	41	38	− 1	ESE	3	c	3	43	39	—
London	30·29	42	SE	1	o	30·20	− ·04	39	37	− 3	SE	2	g	*	43	37	—
Oxford	*	*	*	*	*	30·16	− ·08	40	38	+ 2	E	1	o	*	46	37	—
Cambridge ...	30·29	40	SSE	1	o	30·22	− ·06	39	37	o	SSE	1	o	*	44	38	—
Yarmouth ...	30·28	41	SE	3	be	30·23	− ·04	41	39	− 1	SSE	3	cg	3	43	40	—
The Helder ...	*	*	*	*	*	30·30	+ ·01	35	33	− 3	ESE	1	c	*	*	*	—
Cape Gris Nez	30·22	36	E	2	o	30·23	?	36	36	− 1	E	1	m	o	41	34	—
Brest	?	54	SE	4	o	?	?	41	37	− 7	SE	4	o	5	?	?	—
L'Orient	30·16	45	ESE	3	m	30·04	− ·13	39	37	− 4	ESE	4	o	3	52	36	—
Rochefort ...	30·13	52	ESE	4	o	30·01	− ·13	36	36	− 7	ESE	4	b	3	52	?	—
Biarritz	30·00	55	ENE	2	b	29·95	− ·14	37	34	− 2	ESE	3	c	3	?	34	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·25	− ·02	36	*	+ 1	E	3	o	*	*	*	*
Charleville ...	*	*	*	*	*	? 30·13	+ ·04	35	*	− 1	N	3	o	*	*	*	*
Paris	30·23	41	NE	3	m	30·16	− ·06	38	*	o	E	3	m	*	*	*	—
Lyons	*	*	*	*	*	?	?	45	*	− 6	N	4	b	*	*	*	*
Toulon	29·94	50	E	2	c	30·01	+ ·13	48	45	o	E	1	b	2	55	48	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·31	41	49	SSE	6	r	6
Thurso	29·97	44	41	SSE	3	c	3
Scarborough ...	30·24	45	43	S	3	o	3
Greencastle ...	29·91	50	49	S	3	o	*
Holyhead	30·09	49	47	S	4	o	3
Valencia	29·80	54	54	SSE	7	r	5
Scilly	30·04	53	52	SSE	6	o	5
London	30·26	44	40	ESE	1	m	*
Rochefort ...	30·12	52	46	ENE	3	b	3

The fall of the barometer continues and is extending slowly E^wd and the wind at Valentia has increased to a moderate gale.
Warnings issued to our N. and SW coasts this afternoon.

EXPLANATION OF COLUMNS

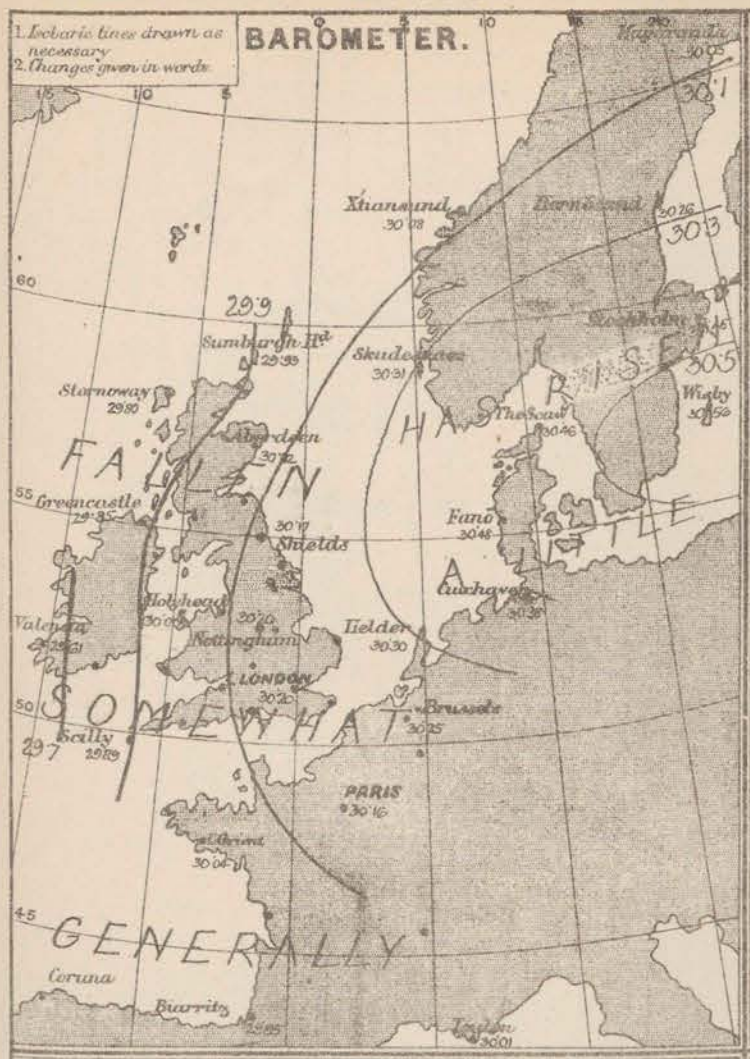
WEATHER—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

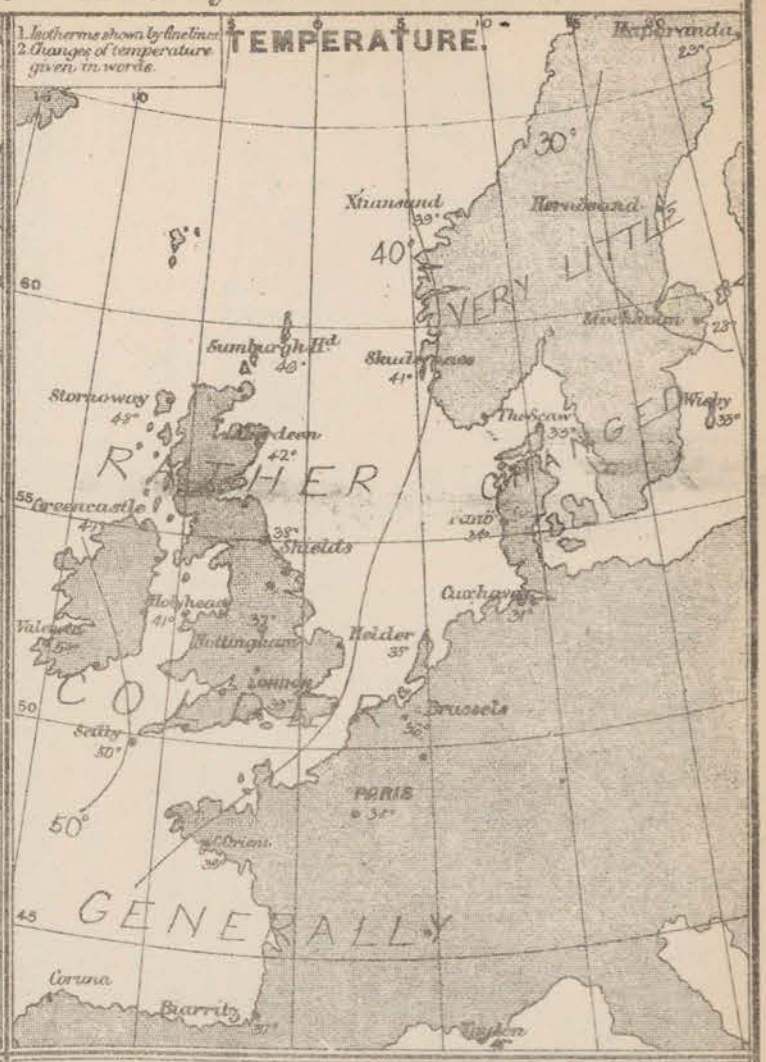
* **AN ASTERISK** is inserted in all places for which information is not usually received.

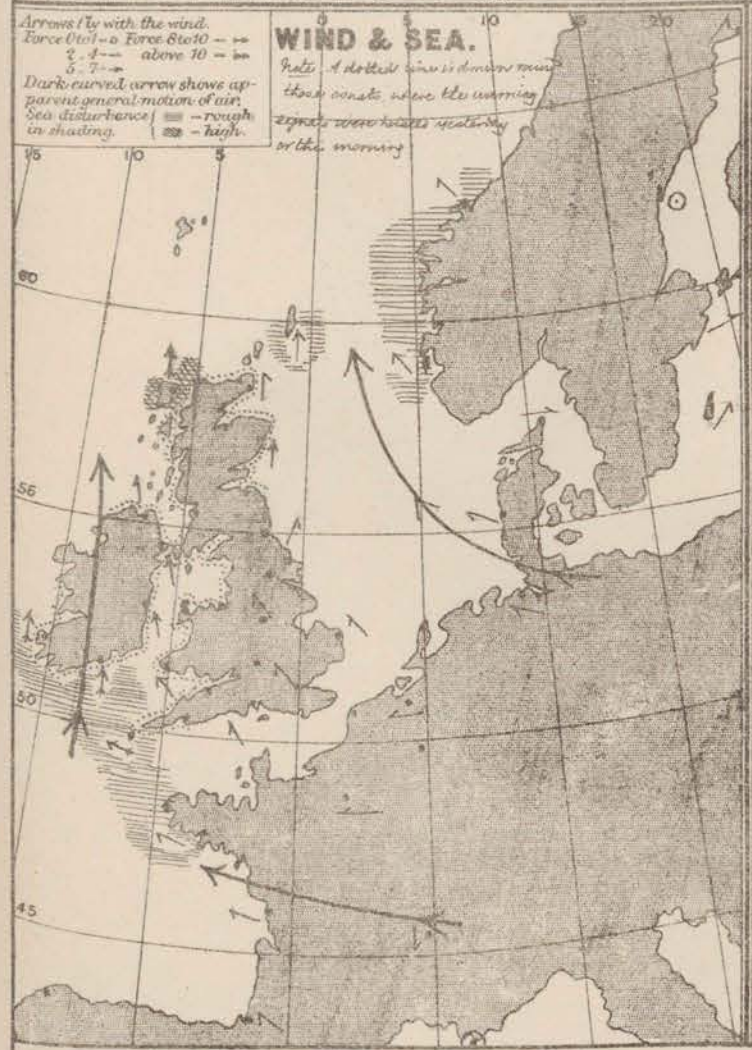
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Thursday 23rd Novr 1876







REMARKS The depression which caused the fall of the barometer over Ireland yesterday has ~~since~~ passed on N.wd, and now lies to the W.wd of the Hebrides but in the south west the barometer after rising very slightly last evening has fallen again rather briskly during the night, and the decrease has now extended to all parts of our area except Denmark and the south of Sweden. In these districts the mercury is rising, and at Wisby in Gothland it is as high as 30·56 in. The wind has changed very little in direction since yesterday morning being still E.ly over France, the English Channel of the North Sea and the Channel, and S.ly on our coasts. It has, however increased considerably in force at many of our stations, and in the west where gradients are about 0·10 in per 60 miles, it rises to a fresh or hard gale. Temperature has fallen in nearly all places and is low for the time of year at our stations and over France. A heavy fall of rain has occurred at Valentia where it still continues but elsewhere the weather has been dry. The sky is overcast and dull generally. The sea is very high off the Hebrides, rough on our west and south west coasts but slight elsewhere.

Warnings were issued to our west and south west coasts yesterday, and have been extended to the east of Scotland this morning.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Director.

Dangerfield, lith. 22, Bedford St. Covent Garden.

DAILY WEATHER REPORT Novr 24th 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.95	35	S	2	o	29.84	− .21	34	34	+ 11	?	o	c	*	*	*	—
Hernösand ...	30.12	23	NSW	2	c	30.11	− .15	34	32	?	W	2	o	*	*	*	—
Stockholm ...	30.26	28	SSW	4	bo	30.27	− .18	26	25	− 2	NSW	4	o	*	*	*	—
Wisby	30.06	30	SSE	4	b	30.36	− .20	30	30	− 3	SW	4	bc	*	*	*	—
Christiansund ...	30.04	40	?	o	r	30.11	+ .03	42	40	+ 3	SW	3	o	6	?	36	—
Skudesnaes ...	?	40	SE	6	o	?	?	37	34	− 4	SE	4	bc	4	41	?	—
Oxö (Xtiansand)	30.37	35	SSE	2	o	30.27	− .13	32	30	− 4	N	4	b	2	36	30	—
Skagen (The Skaw)	30.38	35	S	2	bc	30.29	− .17	35	33	+ 2	S	2	o	1	36	32	—
Fanö	30.34	30	SSE	3	b	30.24	− .24	31	31	− 3	E	4	o	*	29	28	—
Cuxhaven ...	30.31	*	*	*	*	30.20	− .18	26	25	− 5	SE	3	o	*	?	?	—
Sumburgh Head	29.94	46	S	6	c	29.95	+ .02	45	43	− 1	SSE	6	c	6	47	?	—
Stornoway	29.77	44	SSW	5	o	29.76	− .04	45	42	− 3	SE	1	o	4	49	24	—
Thurso	29.97	41	S	2	bc	29.86	− .03	39	37	− 7	S	2	bc	2	47	37	0.01
Wick	29.91	42	SSW	5	o	29.85	− .07	43	41	− 3	SSE	4	o	6	46	40	—
Nairn	29.88	41	SE	2	bc	29.87	− .06	31	31	− 15	?	o	b	1	47	31	—
Aberdeen ...	29.99	42	S	7	o	29.93	− .09	44	41	+ 2	S	6	o	4	45	41	—
Leith	29.99	35	SSE	2	bc	29.92	− .14	35	33	− 3	SSE	2	o	*	42	31	—
Shields	30.06	39	SSW	5	bc	29.97	− .20	38	35	0	SSW	4	ow	2	39	37	—
York	30.10	40	S	4	o	29.98	− .22	39	37	0	S	2	o	*	41	36	—
Scarborough ...	30.10	41	S	3	o	30.00	− .19	39	37	0	SSW	2	o	2	41	39	—
Nottingham ...	30.10	38	SSE	4	o	29.97	− .23	38	37	+ 1	SSE	3	o	*	?	36	0.03
Ardrossan ...	29.95	36	E	4	b	29.87	− .16	38	36	− 4	E	3	ow	2	43	35	—
Greencastle ...	29.76	46	SSE	3	o	29.68	− .17	46	45	− 1	SSE	5	o	*	48	42	—
Donaghadee ...	29.86	45	SSE	6	o	29.77	− .20	45	44	− 1	ESE	5	c	4	46	44	—
Kingstown ...	29.79	48	SSE	7	o	29.71	− .19	49	48	+ 1	SSE	4	b	3	49	45	0.26
Holyhead ...	29.88	40	SSE	2	b	29.77	− .23	45	43	+ 4	SSE	1	m	1	45	38	0.07
Liverpool (Bidston)	29.95	39	ESE	5	o	29.84	− .22	39	37	+ 1	ESE	4	o	3	40	37	—
Valencia	29.43	53	S	7	o	29.61	.00	48	47	− 6	NSW	4	r	3	50	47	1.09
Roche's Point...	29.59	52	SSE	8	r	29.66	− .11	50	48	− 2	SW	3	bc	4	53	49	0.42
Pembroke ...	29.82	45	SE	8	o	29.73	− .22	49	48	+ 3	S	5	cq	4	49	44	0.27
Portishead ...	29.98	41	ESE	5	o	29.85	− .24	42	42	+ 1	SE	6	r	4	43	39	0.07
Scilly	29.75	53	SSE	9	r	29.78	− .11	50	48	o	SW	8	c	5	53	46	0.23
Plymouth ...	29.91	44	SE	4	o	29.80	− .23	45	45	+ 2	?	o	o		52	42	0.42
Hurst Castle ...	30.00	44	SE	4	c	29.88	− .24	47	47	+ 3	SSE	4	og	4	47	41	—
Dover	30.12	40	SE	3	bc	29.99	− .23	41	38	o	ESE	3	b	2	41	39	—
London	30.10	41	SE	2	b	29.96	− .24	41	39	+ 2	SE	2	og	*	42	37	—
Oxford	*	*	*	*	*	29.93	− .23	40	38	o	SE	1	m	*	41	38	—
Cambridge ...	30.11	39	ESE	1	o	29.99	− .23	39	37	o	SE	1	o	*	42	37	—
Yarmouth ...	30.13	40	SE	4	c	30.02	− .21	39	38	− 2	ESE	3	c	3	42	38	—
The Helder ...	*	*	*	*	*	30.12	− .18	31	28	− 4	?	o	c	*	*	*	—
Cape Gris Nez	30.11	34	E	1	b	30.01	− .22	?	32	?	E	1	b	o	39	32	—
Brest	?	52	SE	4	o	?	?	55	54	+ 14	WSW	3	r	4	?	37	0.22
L'Orient	29.96	46	SE	4	m	29.94	− .10	54	54	+ 15	WSW	3	m	3	55	37	—
Rochefort ...	29.96	48	ESE	3	o	29.98	− .03	46	46	+ 10	SSE	3	r	3	50	34	0.04
Biarritz	29.94	63	WSW	4	o	30.07	+ .12	54	50	+ 17	SSE	3	o	3	?	34	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.07	− .18	32	*	− 4	E	1	o	*	*	*	*
Charleville ...	*	*	*	*	*	? 29.99	− .14	33	*	− 2	SE	1	o	*	*	*	*
Paris	30.09	40	ESE	3	o	30.04	− .12	31	*	− 7	ESE	2	b	*	*	*	—
Lyons	*	*	*	*	*	?	?	41	*	− 4	SE	2	o	*	*	*	*
Toulon	29.99	46	SW	2	b	30.05	+ .04	46	45	− 2	N	3	b	3	54	46	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.28	40	38	SE	6	o	6	Valencia	29.48	53	52	SSE	6	r	6
Thurso	29.88	44	42	S	3	po	2	Scilly	29.79	50	49	SE	9	o	6
Scarborough ...	30.13	40	39	S	3	o	3	London	30.13	42	39	SE	3	ow	*
Greencastle ...	29.80	47	45	S	3	o	*	Rochefort ...	29.98	50	45	E	2	bc	3*
Holyhead	29.93	43	41	SSE	2	c	2								

The barometer continues to fall everywhere, especially at Valentia, where the rain still continues. In the SW the gale still holds.

EXPLANATION OF COLUMNS.

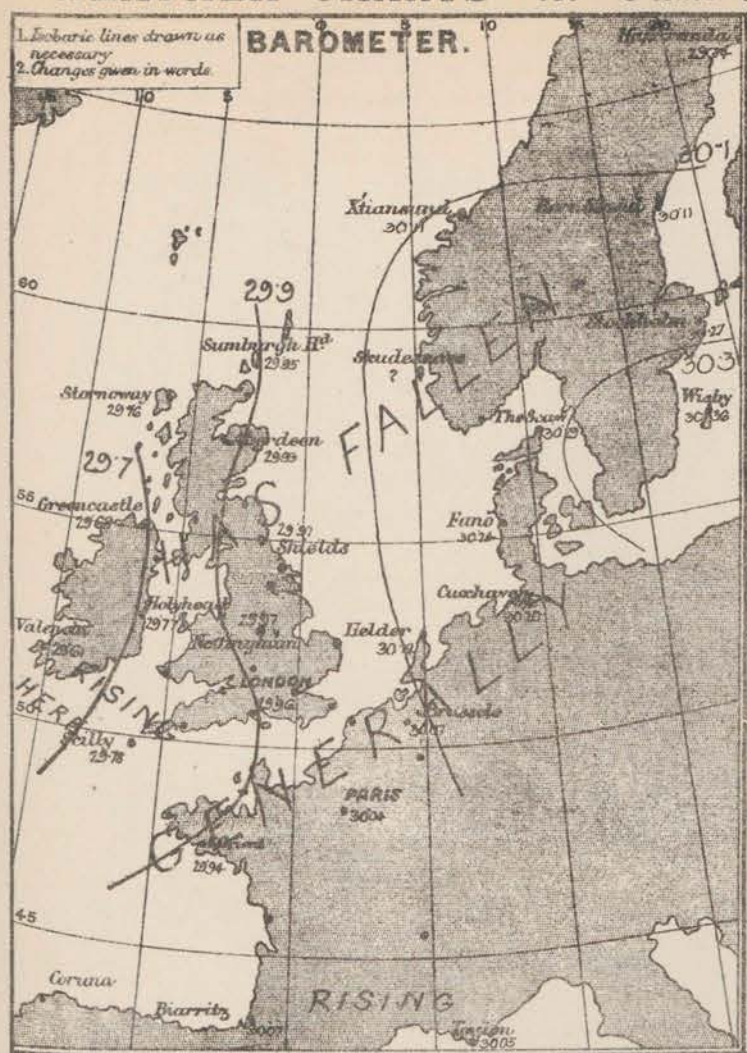
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew

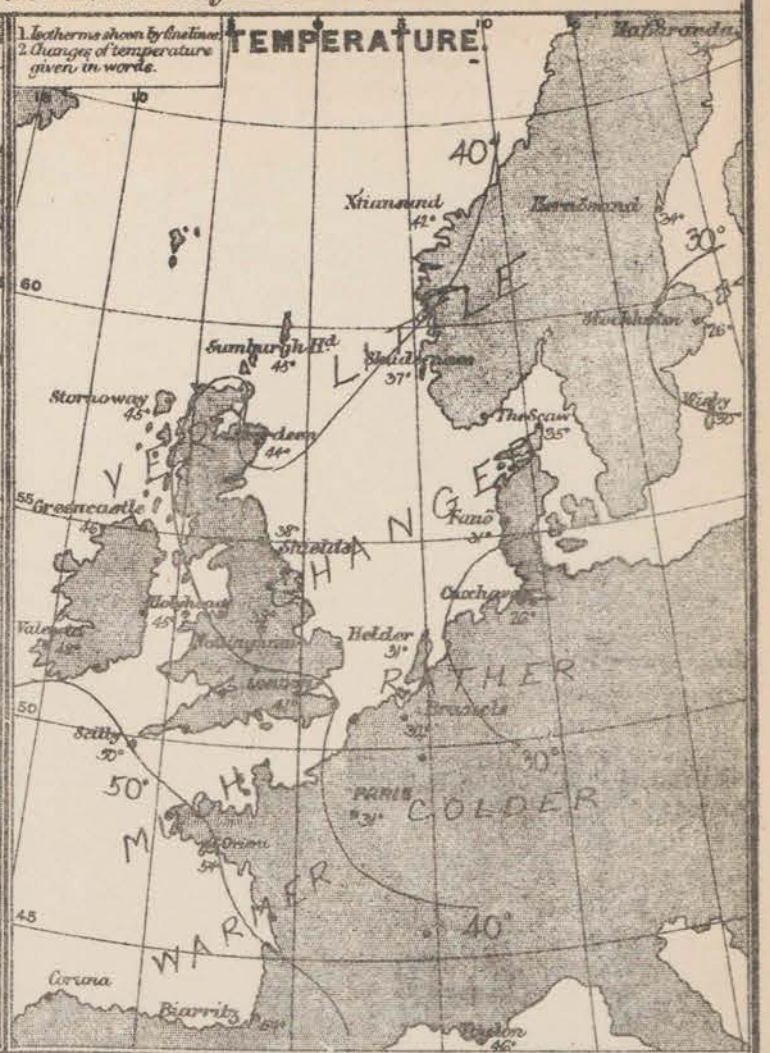
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Friday 24th Novr 1876





REMARKS During the past night a slight recovery of pressure has commenced on our south west coasts and in the west of France from the fall noticed there yesterday but in all other parts of Western Europe the decrease still holds. The changes have, however, been comparatively slight, and though gradients have been considerably reduced, the general distribution of pressure remains unaltered, the lowest readings being reported from the west of Ireland, and the highest from the south of Sweden. The wind has veered to the SW on our south west coasts but continues E over the north of France and North Germany, and SE to S on our coasts. Gales were experienced during yesterday at several of our western stations and also in the east of Scotland but they died down last morning and the wind, though still fresh in some places is now generally moderate in force. Temperature has risen several degrees in the west of France but has fallen in the north east of that country, where the thermometer is now below the freezing point. In these Islands the change has been slight except in the north of Scotland, where it has also fallen quickly. Heavy rain still continues at Valentia, and at most of our western stations some rain has fallen. The sky is generally overcast this morning. The sea is rough at the Scilly Islands and in the north east of Scotland but slight elsewhere.

Warnings were issued to our west and southwest coasts on Wednesday afternoon, extended to the east of Scotland yesterday morning, and up the Channel to Southampton in the afternoon. Cones lowered on all but the east coast of Scotland this morning.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 5/ per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Dangerfield, Lith., 22, Bedford St Covent Garden

DAILY WEATHER REPORT Nov^R 25TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·11	18	N	4	b	30·28	+ ·44	17	16	− 17	N	2	0	*	*	*	0·35
Hernösand ...	30·15	39	S	2	o	30·27	+ ·16	34	33	0	ENE	2	f	*	*	*	0·04
Stockholm ...	30·21	28	SSW	2	bc	30·24	− ·03	26	26	0	SW	2	f	*	*	*	—
Wisby	30·32	33	NSW	4	o	30·31	− ·05	30	30	0	NNW	2	o	*	*	*	—
Christiansund ...	30·15	40	SSW	1	o	30·09	− ·02	37	36	− 5	N	0	c	4	?	34	—
Skudesnaes ...	30·15	37	SSE	6	b	30·10	?	35	32	− 2	SE	4	bc	4	37	?	—
Oxö (Xtiansand)	30·24	36	SE	4	o	30·20	− ·07	36	34	+ 4	ESE	4	o	3	36	32	—
Skagen (The Scaw)	30·26	33	S	2	o	30·25	− ·04	33	31	− 2	SSE	2	o	2	36	32	—
Fanö	30·22	31	SSE	4	o	30·14	− ·10	32	31	+ 1	SSE	4	o	*	?		—
Cuxhaven ...	30·15	*	*	*	*	30·10	− ·10	32	31	+ 6	SSE	4	o	*	?	?	—
Sumburgh Head	29·98	44	?	5	bc	29·86	− ·09	40	39	− 5	SSW	6	c	6	45	40	0·01
Stornoway	29·74	42	N	0	bc	29·61	− ·15	45	42	0	SE	4	o	4	46	40	—
Thurso	29·86	43	SSE	4	c	29·70	− ·16	43	38	+ 4	SE	2	c	2	44	38	—
Wick	29·88	44	SE	3	o	29·72	− ·13	44	40	+ 1	ESE	3	o	3	46	42	—
Nairn	29·82	35	N	0	b	29·67	− ·20	40	37	+ 9	SSE	4	o	2	41	30	—
Aberdeen ...	29·90	44	S	6	o	29·73	− ·20	43	40	− 1	SSE	6	o	4	45	42	—
Leith	29·88	37	SSE	2	c	29·69	− ·23	40	38	+ 5	SE	2	o	*	41	33	—
Shields	29·92	40	SSW	4	o	29·69	− ·28	44	42	+ 6	SE	5	o	4	44	37	0·01
York	29·92	39	SE	2	o	29·63	− ·35	42	41	+ 3	ESE	2	o	*	43	37	—
Scarborough ...	29·94	39	S	2	o	29·68	− ·32	45	43	+ 6	SE	6	o	5	45	38	—
Nottingham ...	29·90	39	SE	3	o	29·59	− ·38	41	41	+ 3	ESE	6	r	*	41	38	0·07
Ardrossan ...	29·82	39	E	3	so	29·63	− ·24	40	38	+ 2	NE	3	sm	2	41	38	0·03
Greencastle ...	29·66	46	E	3	o	29·50	− ·16	45	44	− 1	SE	3	o	*	47	41	0·01
Donaghadee ...	29·72	45	SSE	6	o	29·55	− ·22	45	44	0	SSE	6	o	0	46	45	0·49
Kingstown ...	29·70	48	SSE	1	o	29·48	− ·23	48	47	− 1	SE	4	od	4	50	46	0·40
Holyhead ...	29·74	45	SSE	1	b	29·49	− ·28	42	42	− 3	E	3	r	3	49	41	0·18
Liverpool (Bidston)	29·87	40	ESE	0	o	29·52	− ·34	40	39	+ 1	E	4	r	3	40	38	0·08
Valencia	29·59	48	N	2	r	29·45	− ·16	46	44	− 2	SSE	2	b	2	52	43	0·83
Roche's Point...	29·69	52	SW	5	c	29·46	− ·20	45	44	− 5	N	2	c	3	52	44	0·23
Pembroke ...	29·75	57	SW	2	bc	29·36	− ·27	45	44	− 4	NE	3	c	3	54	44	0·56
Portishead ...	29·80	43	SSE	4	bc	29·24	− ·57	47	47	+ 5	SE	4	rsw	5	57	40	0·35
Scilly	29·75	52	S	4	o	29·45	− ·33	49	47	− 1	NNW	6	o	5	56	47	0·38
Plymouth ...	29·79	49	S	1	o	29·31	− ·49	52	52	+ 7	SW	3	srf	*	54	47	0·73
Hurst Castle ...	29·82	57	W	2	r	29·37	− ·57	53	53	+ 6	S	5	r	4	53	46	0·42
Dover	29·93	42	SSW	2	bc	29·54	− ·45	45	45	+ 4	ESE	4	srw	3	46	40	0·36
London	29·90	45	SSE	2	o	29·54	− ·42	44	44	+ 3	SE	3	sr	*	48	41	0·24
Oxford	*	*	*	*	*	29·45	− ·48	44	44	+ 4	E	2	r	*	44	40	0·27
Cambridge ...	29·90	38	SE	1	b	29·58	− ·41	43	43	+ 4	SE	2	r	*	44	35	0·08
Yarmouth ...	29·95	40	SSE	4	c	29·69	− ·33	43	43	+ 4	SE	6	gru	5	44	38	—
The Helder ...	*	*	*	*	*	29·91	− ·21	35	34	+ 4	ESE	1	bc	*	*	*	—
Cape Gris Nez	29·99	37	SE	2	o	29·63	− ·38	41	41	?	ESE	4	r	2	41	32	0·16
Brest ...	?	54	NSW	2	o	?	?	52	50	− 3	WSW	4	o	5	55	48	0·59
L'Orient	29·88	42	NSW	3	o	29·58	− ·36	54	54	0	SW	7	r	7	57	52	1·06
Rochefort ...	29·95	54	SW	3	o	29·77	− ·21	52	50	+ 6	SSE	4	o	3	55	34	—
Biarritz	30·03	59	S	2	b	29·64	− ·48	57	50	+ 3	S	5	o	4	61	52	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·84	− ·23	37	*	+ 5	SSE	6	r	*	*	*	*
Charleville ...	*	*	*	*	*	?	?	35	*	+ 2	E	6	r	*	*	*	*
Paris	29·99	39	SE	2	r	29·79	− ·25	47	*	+ 16	SSW	2	o	*	*	*	0·32
Lyons	*	*	*	*	*	?	?	46	*	+ 5	E	2	c	*	*	*	*
Toulon	30·06	48	WNW	4	bc	30·12	+ ·07	46	39	0	E	2	bc	2	54	46	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·17	38	34	SSE	2	b	4
Thurso	29·83	43	40	SSE	5	bc	3
Scarborough ...	29·95	39	37	S	2	o	3
Greencastle ...	29·67	46	45	ESE	3	o	*
Holyhead	29·75	48	46	SSE	3	c	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29·60	52	50	SSW	3	o	3
Scilly	29·77	54	50	SW	6	bc	5
London	29·91	44	42	SSE	2	o	*
Rochefort ...	29·97	55	54	SSW	3	r	3

The barometer is now falling again in the SW. while elsewhere the decrease noticed this morning still continues. At Valentia the wind is veering again but is light.

EXPLANATION OF COLUMNS.

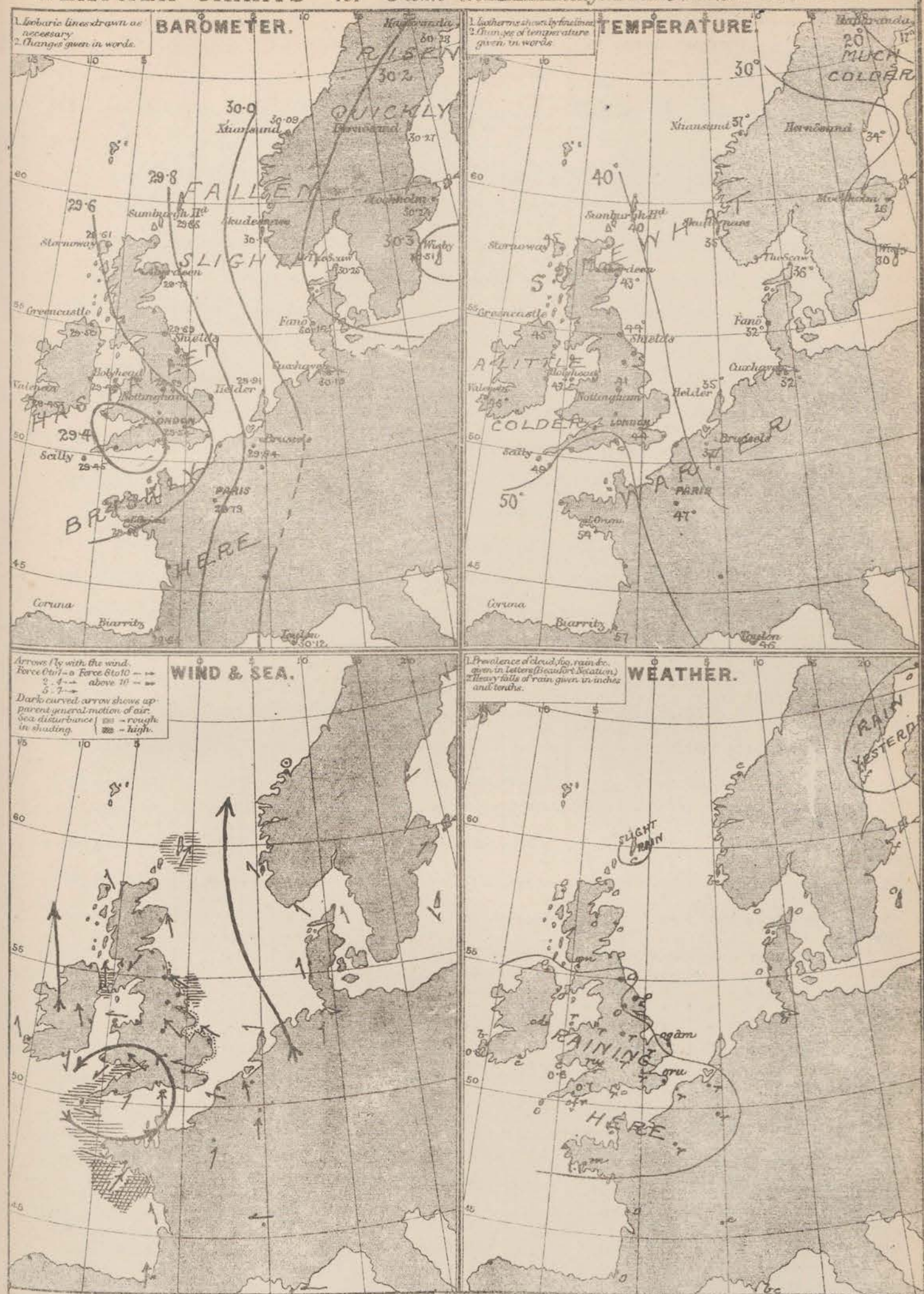
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday Nov.r 25th 1876.



REMARKS. The slight recovery in pressure noted, in the SW. yesterday morning, was succeeded later, in the day by a fresh fall, and during last night a depression from WNW. passed across Ireland to the SW. of England. The barometer has consequently fallen at nearly all stations, the change varying from a few hundredths in the Shetlands to more than half an inch, on the S. of England, while in the N. of Scotland the recovery is rising briskly. In the S. of Ireland, and at Scilly, that is in the rear of the disturbance, the barometer is again slowly falling, so that readings are very uniform, and the N. wind light in force, but over the E. portion of the Channel, and the S. and E. of England gradients are very steep, and the SE. wind blows freshly. At the W. French stations the barometer is falling briskly and SE. breezes continue, while at Valentia the wind has backed to SSE. during the night. Temperature has risen somewhat except in the W. of these Islands and at Haparanda, at the latter place the thermometer stands at 17° F. Rain has fallen except in the N. (the amount being large in some places), and over the greater part of England it still continues. The sky is overcast, except at Valentia. The sea is high at Orkney, rough on the E. and SW. coasts, moderate in most other places. Warnings issued to the E. coast this morning.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Director.

Dangerfield, lith. 32, Bedford St. Covent Garden

SUMMARY OF WEATHER IN WESTERN EUROPE

from Novr 19th to Novr 25th 1876.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The unsettled weather which prevailed last week has continued during the present period. Pressure during the whole time has been highest over the S. of Sweden, but depressions have passed across our area in different directions – that which had travelled NE^wd to Scotland at the close of last week suddenly moved away SE^wd over the North Sea, and W^ly to NW^ly winds were experienced with moderately fine weather. After its disappearance on Novr 21st pressure became very uniform over these Islands and calms prevailed, but before the next morning a fall of the mercury and gradients for S^ly winds had appeared in the W. These conditions gradually spread over our whole area and the S^ly winds increased to a gale at some of our W^rn stations. On the 25th a well marked depression, round which the wind circulated freely, had advanced across the Bay of Biscay to the S.W. of England, whence it continued to move N^wd and caused hard SE^ly gales on our NE coast. Temperature has been unsteady, the weather very unsettled and a great deal of rain has fallen.

Novr 19th The small depression which had appeared over Ireland at the close of the previous week lay at 8 am over the N. of Scotland, and a general fall of the barometer was in progress over W^rn Europe except at our SW^rn stations, where a slight recovery was reported. The wind had veered to N. over France, and the greater part of these Islands but SE^ly to E^ly breezes still held over the North Sea. On nearly all coasts the wind was moderate in force, but in the S. of Norway it blew strongly, and in the Shetlands with the force of a fresh gale. Temperature had changed very slightly in most places, the tendency being downwards at our stations, and upward on the Continent. Rain was falling in the N. of France, but on our coasts the weather was generally fine. Later in the day the depression over Scotland moved SE^wd and at the same time pressure continued to increase in the W. and SW.

Novr 20th The changes reported on the previous evening still continued in progress; the depression from Scotland had advanced further SE^wd and was shown over the North Sea and Holland, while the recovery noticed in the SW. had continued and extended to all part of W^rn Europe, except the Eastern shores of the North Sea. Readings were, however, still high over the S. of Sweden, and a very complete circulation of wind was reported; it was N^ly to NW^ly over these Islands and the W. of France, W^ly in the N. of that country, SE^ly in Denmark, E^ly in the N. of Norway, and NE^ly at Sumburgh Head. Temperature had fallen except in Sweden. The sky was cloudy, and fog and mist were reported on our E. coast. During the day the depression continued to travel SE^wd and the barometer still rose generally.

Novr 21st Since the previous evening the depression from the neighbourhood of Holland had advanced SE^wd apparently to Italy, and the barometer had risen over the greater part of our area. At Valentia, however, a slight decrease had appeared during the night, while in Sweden the barometer still fell. The greatest increase had been on our E. coast, and a large area of high and very uniform pressure had been formed over Great Britain and the North Sea, whence readings decreased towards the W. S. and NE. The winds naturally varied considerably; over France they were NE^ly over Ireland SE^ly and Sweden W^ly, while in the intermediate region calms prevailed. Temperature had fallen. The weather was generally cloudy with a great deal of fog. During the day the fall in the W. continued, and gradients for S^ly breezes extended E^wd, but over Great Britain and the North Sea readings were still very uniform.

NOV^R 22nd. The decrease of pressure in the W. continued to extend over us, and the area of high readings, lay over Denmark, and the S. of Sweden. In consequence the calms of the previous day had given way to S^ly breezes, blowing very lightly in the E. but with some force in the W. while over France the wind had veered to E. Temperature had risen in the W and N. but fallen in the S.E. and over France where it was low. The sky showed no signs of clearing, and fog and mist still prevailed. Later Reports showed a further fall of the barometer in the N. and the S^ly wind increased to a moderate gale in the S. of Ireland.

NOV^R 23rd. The depression which had caused the fall of the barometer on the previous day, had passed on N^wd during the night, and produced a hard S^ly gale in the Hebrides, but the recovery which had been felt in the S.W. for a short time as it moved away, was soon succeeded by a fresh decrease, and at 8 am the barometer was falling in all places except Denmark, and the S. of Sweden. Gradients were steep in the W. and S^ly gales were felt on the S. of Ireland, with a SE^ly gale at Scilly, but elsewhere the wind was generally moderate in force, from E. and SE over France and the Channel, and from S at our E^rn stations. Temperature had fallen slightly generally, and was particularly low over France. The weather continued exceedingly dull and unsettled but the fog had disappeared. During the day the barometer continued to fall, and the S^ly gales became general in the W.

NOV^R 24th. The decrease of pressure had now spread to Denmark and Sweden while over nearly the whole of these Islands, the fall continued; in the S.W. however, a slight recovery had commenced during the night. These changes were not important enough to alter the general distribution of pressure, but they had the effect of reducing the gradients so that the gales had died down. The wind had veered to S.W. on our S.W. coasts but was S^ly in nearly all other places. It was generally moderate in force, but blew freshly in the W and N. Temperature had risen several degrees on the coasts of the Bay of Biscay, but had fallen elsewhere, and in N. Germany and the N.E. of France, was below the freezing point. The weather continued overcast, and later in the day a fresh fall had appeared in the S.W.

NOV^R 25th. During the night a well marked depression had passed across the Bay of Biscay (?) and at 8 am, lay over the S.W. of England. The barometer had consequently fallen fast at all the more S^rn stations and slightly in the N. while at the Swedish stations it was rising. Lower pressures were apparently lying to the W. of Ireland, and the wind at Valentia had backed to S.S.E. with a falling barometer. — At most of our other stations the wind was governed by the disturbance in the S.W. It was W^ly over the Bristol Channel, W^ly at Scilly, and SE^ly to E^ly in the E and N. — In most places it was fresh in force. Temperature had decreased in the W. but risen elsewhere — briskly in the N of France. Rain was falling over England, and the weather was everywhere dull. Later Reports showed that the depression was moving N^wd towards Central England, and hard SE^ly gales were felt on the coast of Yorkshire.

Meteorological Office,
116, *Victoria Street, Westminster, S.W.*
ROBERT H. SCOTT, Director.

DAILY WEATHER REPORT Nov^R 26TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30.16	28	NW	2	o	29.98	− .30	33	32	+ 16	SW	2	o	*	*	*	—
Hernösand ...	30.23	33	SE	2	f	30.08	− .19	32	31	− 2	SSW	4	b	*	*	*	—
Stockholm ...	30.28	24	SSW	2	f	30.14	− .10	34	33	+ 8	SE	2	o	*	*	*	
Wisby	30.34	29	E	4	o	30.18	− .13	35	34	+ 5	S	4	be	*	*	*	
Christiansund ...	29.93	36	SE	2	o	29.67	− .42	40	36	+ 3	SE	3	o	2	40	30	—
Skudesnaes ...	29.92	38	ESE	6	c	29.62	− .48	44	39	+ 9	ESE	6	o	7	?	34	—
Oxö (Xtiansand)	30.04	37	E	7	m	29.82	− .38	38	37	+ 2	ESE	6	r	4	?	?	—
Skagen (The Skaw)	30.11	37	ESE	4	o	29.89	− .36	37	36	+ 4	S	6	o	5	37	28	—
Fanö	29.92	32	SSE	8	r	29.79	− .35	34	33	+ 2	SSE	6	c	*	34	30	0.04
Cuxhaven ...	29.95	*	*	*	*	29.80	− .30	35	35	+ 3	SSE	5	o	*	?	?	0.04
Sumburgh Head	29.69	44	SE	6	o	29.19	− .67	47	46	+ 7	ESE	6	o	6	47	38	0.21
Stornoway	29.68	44	ESE	2	b	29.33	− .28	41	39	− 4	W	1	r	4	46	37	0.03
Thurso	29.56	42	SSE	2	o	29.27	− .42	40	39	− 3	SW	3	ow	3	45	40	0.15
Wick	29.54	43	SE	5	o	? 29.27	− .45	39	39	− 5	SW	3	o	4	45	38	0.20
Nairn	29.49	40	SSE	2	o	29.32	− .35	36	35	− 4	SSE	2	r	2	43	36	0.06
Aberdeen ...	29.57	42	SSE	6	r	29.32	− .41	40	38	− 3	SSW	2	c	6	44	39	0.39
Leith	29.44	42	E	4	r	29.40	− .29	40	39	0	SW	1	o	*	45	39	0.23
Shields	29.34	43	SSE	6	o	29.48	− .21	41	39	− 3	WSW	1	bw	4	46	40	0.40
York	29.46	44	ESE	2	o	29.55	− .09	38	37	− 4	S	1	be	*	45	36	0.45
Scarborough ...	29.28	46	SW	3	c	29.57	− .11	39	38	− 6	SW	2	c	2	46	37	0.62
Nottingham ...	29.43	46	SSW	3	o	29.61	+ .02	36	36	− 5	SSE	2	bw	*	45	35	0.66
Ardrossan ...	29.43	41	NE	3	r	29.40	− .23	44	42	+ 4	N	0	c	1	45	40	0.37
Greencastle ...	29.39	42	E	2	r	29.37	− .13	40	39	− 5	SSW	2	b	*	46	38	0.23
Donaghadee ...	29.40	41	E	4	r	29.42	− .13	?	?	?	WSW	2	b	2	45	32	0.35
Kingstown ...	29.40	47	W	3	c	29.38	− .10	45	45	− 3	SSE	1	ofo	1	49	42	0.25
Holyhead ...	29.37	45	W	2	o	29.40	− .09	45	45	+ 3	SSE	2	r	1	48	42	0.32
Liverpool (Bidston)	29.37	42	SW	2	o	29.50	− .02	41	40	+ 1	SE	3	r	2	45	38	0.44
Valencia	29.42	45	SSE	1	bw	29.26	− .19	52	50	+ 6	S	4	o	0	53	41	0.62
Roche's Point ...	29.43	48	WSW	4	be	29.35	− .11	49	48	+ 4	SSW	5	c	4	52	45	0.28
Pembroke ...	29.45	49	WNW	4	be	29.44	+ .08	51	49	+ 6	SW	6	ogl	5	52	44	0.29
Portishead ...	29.49	46	SSW	4	c	29.58	+ .24	47	45	0	SW	3	bc	3	52	40	0.21
Scilly	29.52	51	WNW	5	c	29.56	+ .11	53	51	+ 4	SW	6	c	5	53	51	0.01
Plymouth ...	29.54	47	WNW	2	b	29.60	+ .29	51	50	− 1	SW	4	o	*	54	41	—
Hurst Castle ...	29.55	52	W	4	c	29.66	+ .29	52	51	− 1	SW	4	bc	4	55	47	0.13
Dover	29.58	51	SW	4	be	29.71	+ .17	43	42	− 2	Z	0	bc	2	54	42	0.16
London	?		WSW	3		29.68	+ .14	43	42	− 1	S	2	bo	*	56	40	0.10
Oxford	*	*	*	*	*	29.64	+ .19	38	38	− 6	SSE	1	b	*	54	35	0.12
Cambridge ...	29.48	47	SSW	2	o	29.68	+ .10	36	36	− 7	SSW	1	b	*	52	34	0.09
Yarmouth ...	29.46	50	SSW	5	c	29.67	− .02	40	39	− 3	SW	2	bm	2	57	39	0.23
The Helder ...	*	*	*	*	*									*	*	*	
Cape Gris Nez	?	52	?	6	be	29.73	+ .10	48	48	+ 7	SW	1	b	3	54	41	0.43
Brest	?	55	W	2	o	?	?	54	52	+ 2	SW	4	o	5	55	48	0.04
L'Orient	29.67	50	NW	3	be	29.82	+ .24	52	49	− 2	WSW	4	be	5	55	46	0.08
Rochefort ...	29.71	55	SW	5	r	29.87	+ .10	50	50	− 2	SSE	3	c	3	57	45	0.12
Biarritz	29.80	59	S	5	o	29.89	+ .25	57	50	0	SSE	1	r	4	63	54	0.04
Corunna	*	*	*	*	*	29.98		52	*		SW	6	c	5	*	*	*
Brussels	*	*	*	*	*	29.76	− .08	48	*	+ 11	W	3	o	*	*	*	0.17
Charleville ...	*	*	*	*	*	?	?	48	*	+ 13	SW	3	c	*	*	*	*
Paris	29.72	51	S	3	o	29.87	+ .08	43	*	− 4	SSE	3	b	*	*	*	0.24
Lyons	*	*	*	*	*	?	?	55	*	+ 9	S	2	r	*	*	*	*
Toulon	30.06	50	E	4	o	30.05	− .07	50	48	+ 4	E	4	r	5	54	46	0.12

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.96	38	33	SE	7	c	6
Thurso	29.62	45	41	SSE	2	be	2
Scarborough ...	29.42	44	44	SE	9	r	6
Greencastle. ...	29.42	44	43	E	2	r	*
Holyhead	29.35	43	43	ENE	2	mg	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29.42	50	45	SW	2	b	3
Scilly	29.52	51	48	W	6	c	5
London	29.39	55	53	SSW	4	c	*
Rochefort ...	29.73	55	55	SSW	4	r	3

The depression whose centre lay over Devon and Dorsetshire this morning, is moving N^rd and strong S E^ly gales have set in along the Yorkshire coast, accompanied by rain. In London the barometer has begun to rise again since 1 p.m, and the wind is veering towards S.W. Our N and E coasts were warned this morning.

EXPLANATION OF COLUMNS.

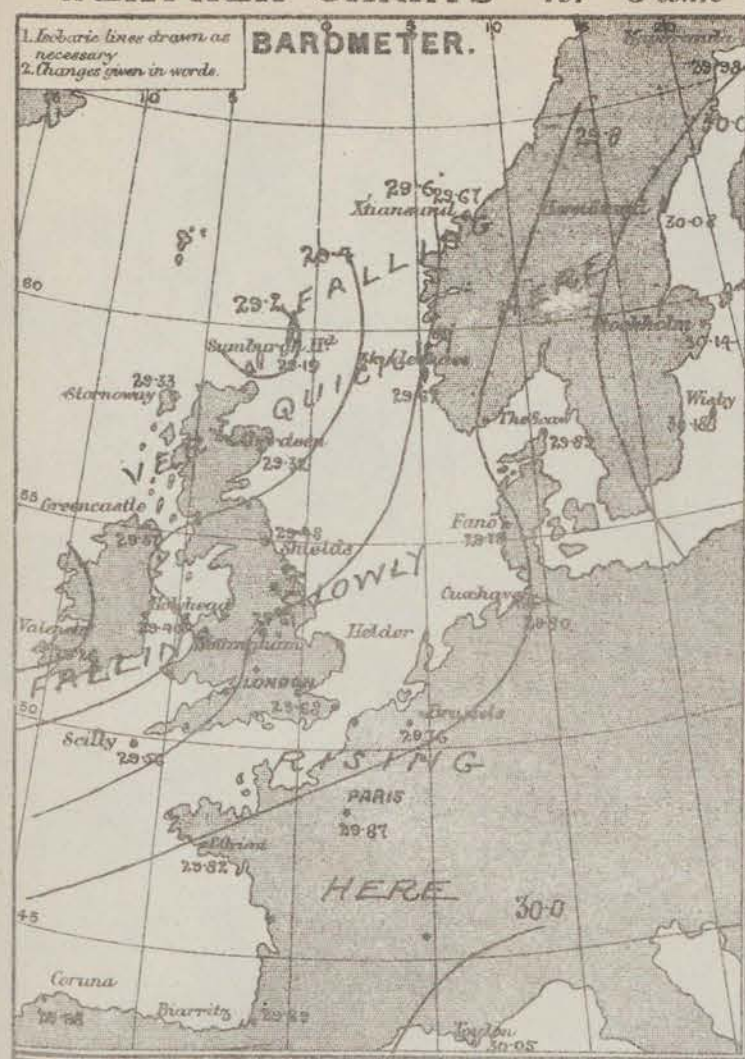
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

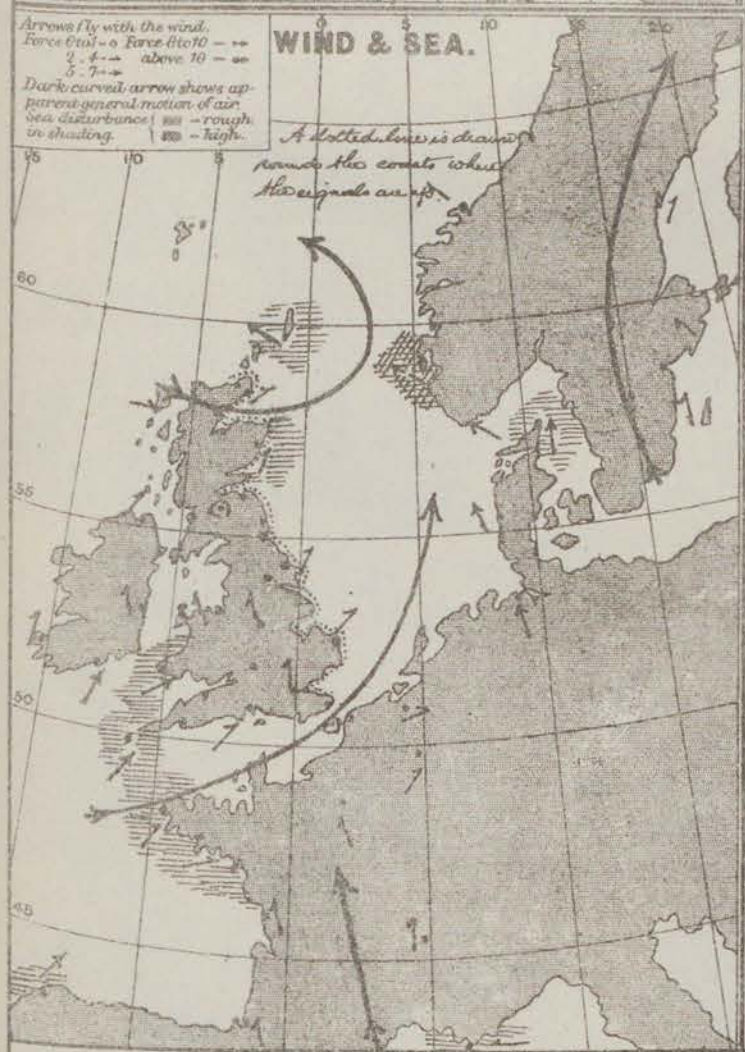
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Sunday Nov.r 26th 1876





REMARKS. The depression which had its centre yesterday morning over Devon, Dorset and S. Wales, has since travelled to N.E. and is now found between the Orkney and Shetland Isles. The barometer has consequently fallen at all the N. stations, while it has risen over France and the S. of England. In the meantime a new disturbance has shown itself over Ireland, so that pressure is again decreasing in the W. Light SW. winds are still felt over Great Britain, drawing into SE. over Central England, while in Scotland the wind is light from SW. On the E. shores of the North Sea, and at Wemyss Hd. the wind is strong from the SE. In St. George's Channel strong squalls from SW, with lightning are reported. Temperature has fallen in Scotland, and the E. of England, but risen in most other places. Rain has been general, and still continues at many stations. The sky is cloudy except in the E. of England, and snow is falling at Aix. The sea is high off the S. of Norway, rough in the N. and at the entrance to the Channel, moderate or slight elsewhere.
Warnings were sent to the N. and E. coasts on Saturday.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Darlerfield, Lith. 22, Bedford St. Covent Garden

DAILY WEATHER REPORT Nov^R 27TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*	*	*	
Hernösand ...	29.87	31	S	2	o	29.68	− .40	33	32	+ 1	SSW	2	o	*	*	*	–
Stockholm ...	29.88	37	S	2	o	29.76	− .38	36	34	+ 2	SSW	2	r	*	*	*	–
Wisby	30.03	37	SW	4	b	29.87	− .31	35	34	o	SE	6	o	*	*	*	–
Christiansund ...	29.45	42	SSW	3	c	29.38	− .29	42	36	+ 2	E	4	o	3	43	37	–
Skudesnaes ...	29.56	42	SE	6	o	29.33	− .29	46	46	+ 2	SSE	6	r	5	?	41	0.59
Oxö (Xtiansand)	29.69	40	NE	4	r	29.60	+ .22	43	42	+ 5	SSE	6	o	4	?	36	–
Skagen (The Scaw)	29.75	38	SSW	4	r	29.69	− .20	39	39	+ 2	SSW	3	o	3	39	34	0.20
Fanö	29.77	40	S	5	m	29.72	− .07	37	37	+ 3	SSE	4	f	*	39	34	0.20
Cuxhaven ...	29.78	*	*	*	*	29.69	− .11	36	36	+ 1	SSE	3	f	*	?	?	0.05
Sumburgh Head	29.21	44	SSW	3	c	29.25	+ .06	45	43	− 2	WSW	2	b	3	47	41	0.10
Stornoway	29.37	37	WNW	1	b	29.34	+ .01	36	35	− 5	WNW	1	c	3	42	34	0.02
Thurso	29.30	39	SW	3	bc	29.32	+ .05	35	34	− 5	S	1	bcm	2	42	35	0.05
Wick	29.32	39	W	2	bc	29.34	?+ .07	38	36	− 1	W	2	o	1	42	33	0.01
Nairn	29.37	38	W	1	b	29.37	+ .05	33	30	− 3	E	o	b	1	40	30	0.01
Aberdeen ...	29.40	38	SSW	1	b	29.34	+ .02	33	32	− 7	SW	1	m	3	42	31	–
Leith	29.42	37	WNW	1	c	29.36	− .04	38	38	− 2	NW	1	rf	*	46	32	0.39
Shields	29.53	45	SSW	2	o	29.32	− .16	45	43	+ 4	SW	2	bm	3	47	40	0.12
York	29.39	46	S	1	r	29.45	− .10	45	45	+ 7	S	1	r	*	49	36	0.33
Scarborough ...	29.49	48	SSW	3	f	29.36	− .21	45	44	+ 6	SSE	2	o	2	48	39	0.16
Nottingham ...	29.53	?	S	5	bc	29.36	− .25	45	45	+ 9	SSE	3	o	*	52	36	0.10
Ardrossan ...	29.43	40	NE	2	c	29.36	− .04	38	37	− 6	NNW	1	f	0	46	36	–
Greencastle ...	29.37	39	SW	1	bc	29.35	− .02	40	39	o	NW	1	c	*	44	34	0.02
Donaghadee ...	29.39	46	E	4	o	29.34	− .08	44	43	?	NNE	3	bc	2	46	33	0.44
Kingstown ...	29.36	47	SSE	2	o	29.33	− .05	44	42	− 1	NW	4	o	4	47	43	0.20
Holyhead ...	29.38	47	SSW	1	r	29.28	− .12	46	45	+ 1	NNW	4	r	3	50	43	1.27
Liverpool (Bidston)	29.43	46	SSE	2	o	29.30	− .20	42	42	+ 1	SE	2	bc	2	57	40	0.15
Valencia	29.68	48	NNE	2	c	29.48	+ .22	47	44	− 5	N	3	c	3	54	45	0.58
Roche's Point...	29.24	50	SSW	6	c	29.34	+ .01	43	41	− 4	N	5	bc	4	52	43	0.45
Pembroke ...	29.41	50	SSW	4	c	29.17	− .27	49	48	− 2	SSW	2	cp	4	54	48	0.54
Portishead ...	29.53	49	SW	4	c	29.28	− .30	46	45	− 1	SSW	3	c	4	53	42	0.26
Scilly																	
Plymouth ...	29.52	52	SW	4	b	29.26		50	48		SW	4	o	*	55	49	0.10
Hurst Castle ...	29.59	54	SW	6	bc	29.35	− .31	57	50	− 1	SW	4	cq	4	54	47	0.54
Dover	29.70	57	SW	4	bc	29.46	− .25	50	48	+ 7	S	5	cpu	4	52	42	0.02
London	29.64	51	SSW	2	bc	29.40	− .28	48	48	+ 5	SSE	2	cp	*	55	43	0.02
Oxford	*	*	*	*	*	29.34	− .30	46	45	+ 8	SE	1	m	*	52	45	0.20
Cambridge ...	29.61	47	SSW	2	b	29.38	− .30	47	47	+ 11	SSE	1	o	*	53	35	0.05
Yarmouth ...	29.66	47	SSW	3	b	29.46	− .21	47	46	+ 7	S	3	om	3	57	39	0.01
The Helder ...	*	*	*	*	*	29.58		38	38		E	o	f	*	*		0.04
Cape Gris Nez	29.72	46	SSE	4	b	29.49	− .24	45	45	− 3	S	3	bc	2	52	43	–
Brest		55	SW	4	b	?	?	52	50	− 2	WNW	5	c	5	55	48	0.12
L'Orient	29.71	54	SW	5	c	29.52	− .30	48	46	− 4	W	5	r	6	55	45	0.12
Rochefort ...	29.81	54	S	3	o	29.64	− .23	54	52	+ 4	WSW	5	o	3	56	46	0.24
Biarritz	29.82	61	WSW	3	o	29.82	− .07	54	50	− 3	SSW	3	bc	4	63	58	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.58	− .18	43	*	− 5	S	3	o	*	*	*	0.29
Charleville ...	*	*	*	*	*	?29.56	?	45	*	− 3	SSE	1	r	*	*	*	*
Paris	29.83	45	SSE	3	o	29.60	− .27	46	*	+ 3	SSW	3	o	*	*	*	–
Lyons	*	*	*	*	*	?	?	57	*	+ 2	S	7	c	*	*	*	*
Toulon	30.04	50	E	4	o	29.86	− .19	55	55	+ 5	E	4	r	5	?	46	0.67

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.57	42	39	ESE	4	o	5	Valencia							
Thurso								Scilly							
Scarborough ...								London							*
Greencastle ...							*	Rochefort ...	29.83	54	54	S	3	o	3
Holyhead															

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r rain; s. snow; t. thunder, u. ugly, threatening; v. visibility, unusual transparency w. dew

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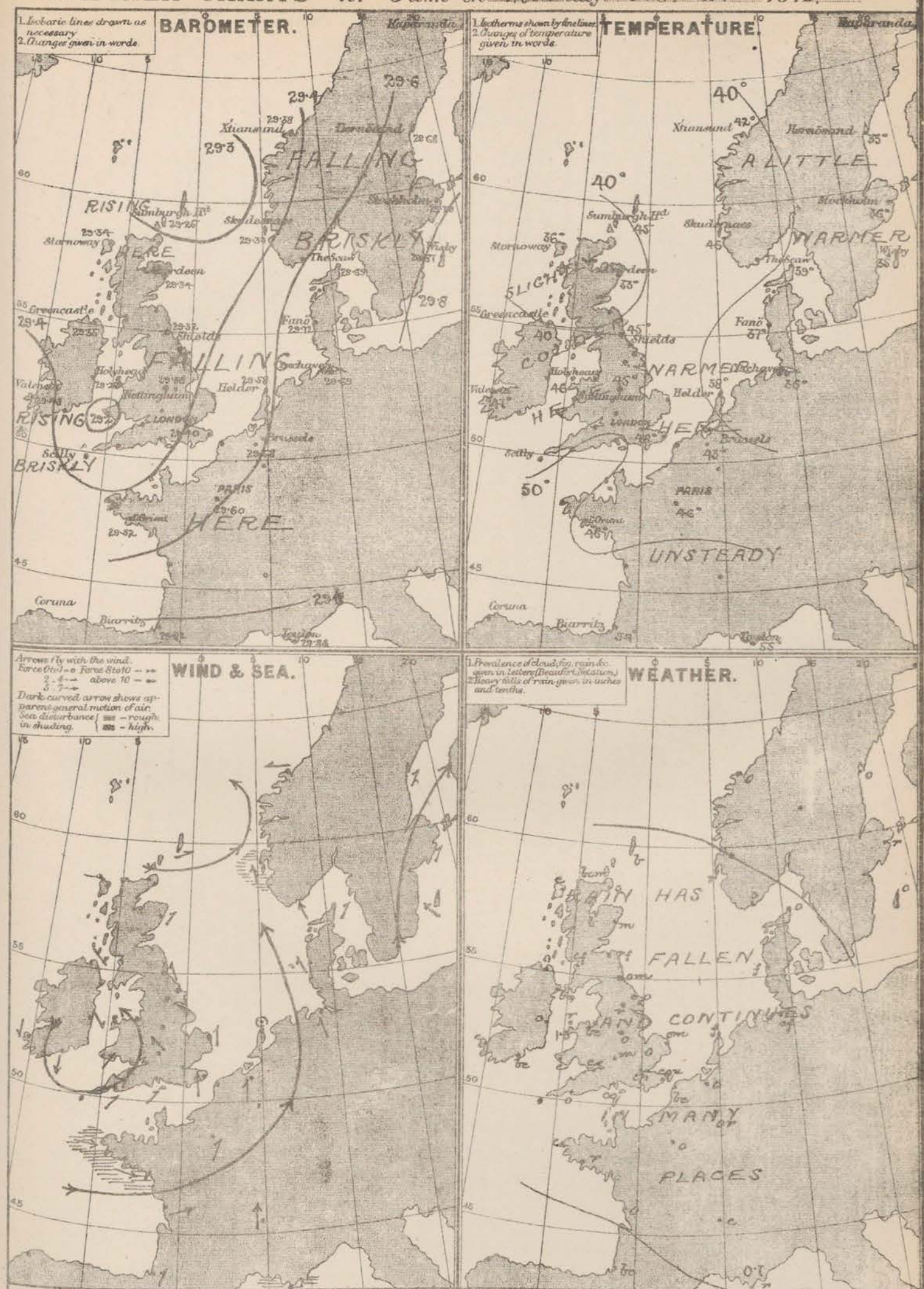
WEATHER CHARTS for 8 a.m on Monday Nov.r 27th 1876.



REMARKS. The general condition of the weather this morning over the whole of W.n Europe is very unsettled. The depression which passed in a N.ly direction over our Islands on Saturday, is still lying off the N.n coasts, not far from the Shetland Isles. In the meantime another disturbance has advanced over us slowly from the W., and is gaining depth as it travels. Its centre is now between Waterford and Pembroke, and at the latter station the barometer has fallen to 29.17 ins. The gradients immediately round the centre are rather steep, but those elsewhere are moderate or slight. Moderate to fresh N.n breezes prevail in Ireland, W.n winds in the Bay of Biscay, S.l breezes in England, and to the E. of W.n France, and along SSE.n in Norway. At the Scottish stations the wind is very light from the W.n. Temperature is unsteady. It is now rising at the E.n stations, but falling in the west. Rain has again fallen in all parts of the Kingdom, most in the W., at Holyhead an inch and a quarter was measured this morning. The sea is rough off the SW. of Norway, and at the mouth of the Channel, but is moderate or slight elsewhere.

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Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT,
Director.

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DAILY WEATHER REPORT Nov^R 28TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 3 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 3 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.63	32	S	2	o	29.64		32	32		SW	2	o	*	*	*	0.16
Hernösand ...	29.63	31	SW	2	bc	29.56	− .12	32	32	− 1	NE	2	o	*	*	*	—
Stockholm ...	29.65	34	SSE	2	r	29.49	− .27	35	34	− 1	ESE	4	f	*	*	*	0.16
Wisby	29.72	37	SE	2	p	29.53	− .34	37	36	+ 2	S	4	r	*	*	*	0.12
Christiansund ...	29.37	42	SE	2	o	29.38	.00	42	? 40	0	SE	4	o	2	43	39	—
Skudesnaes ...	29.43	43	SE	6	c	29.35	+ .02	41	38	− 5	SE	2	c	4	46	?	—
Oxö (Christiansand)	29.53	41	SE	4	o	29.37	− .23	37	36	− 6	NE	4	r	3	43	36	—
Skagen (The Scaw)	29.74	39	ESE	3	o	29.40	− .29	38	37	− 1	ESE	2	o	0	39	36	0.04
Fanö	29.50	37	SE	4	m	29.28	− .44	41	41	+ 4	S	4	r	*	41	34	0.24
Cuxhaven ...	29.51	*	*	*	*	29.33	− .36	42	42	+ 6	SSW	3	o	*	?	?	0.11
Sumburgh Head	29.28	43	NNE	1	c	?	?	40	39	− 5	NNE	3	c	3	46	39	0.04
Stornoway	29.38	41	NNE	3	p	29.41	+ .07	33	32	− 3	NW	1	b	3	43	32	0.37
Thurso	29.30	44	W	2	p	29.32	.00	43	41	+ 8	NNW	5	c	4	46	34	0.82
Wick	29.34	39	W	1	o	29.32	− .02	40	39	+ 2	NW	1	c	0	42	33	0.13
Nairn	29.35	38	W	1	o	29.36	− .01	40	38	+ 7	NW	3	o	3	40	30	0.19
Aberdeen ...	29.29	39	NW	1	p	29.36	− .08	40	39	+ 7	NNW	4	bc	1	40	33	0.04
Leith	29.34	37	WSW	1	bc	29.34	− .02	33	32	− 5	WSW	2	bf	*	39	31	0.33
Shields	29.30	42	N	0	o	29.34	+ .02	36	34	− 9	NNW	2	bm	2	45	36	—
York	29.27	46	SE	1	o	29.39	− .06	38	36	− 7	NW	1	c	*	48	36	0.01
Scarborough ...	29.27	46	WSW	1	o	29.32	− .04	41	39	− 4	NNW	2	c	2	47	41	0.05
Nottingham ...	29.27	45	N	0	o	29.42	+ .06	35	35	− 10	N	0	bf	*	47	35	0.02
Ardrossan ...	29.38	33	E	1	o	29.40	+ .04	38	?	− 8	NE	1	bf	0	43	29	—
Greencastle ...	29.38	42	W	2	c	29.42	+ .07	40	39	0	W	1	o	*	47	32	0.62
Donaghadee ...	29.36	42	W	3	b	29.41	+ .07	40	40	− 4	NW	3	b	2	45	39	0.09
Kingstown ...	29.39	44	WNW	5	b	29.49	+ .16	40	37	− 4	W	4	b	4	47	39	—
Holyhead ...	29.31	47	W	6	c	29.42	+ .14	45	43	− 1	WNW	5	c	5	48	44	0.01
Liverpool (Bidston)	29.28	44	WNW	1	o	29.40	+ .10	41	40	− 1	W	1	o	0	45	41	0.59
Valencia	29.56	47	W	3	bc	29.57	+ .09	42	42	− 5	N	0	o	1	50	40	0.20
Roche's Point...	29.50	46	WNW	4	bc	29.56	+ .20	40	38	− 3	NW	2	b	3	49	38	—
Pembroke ...	29.37	47	NW	6	c	29.52	+ .35	46	43	− 3	WNW	3	bc	3	49	45	0.07
Portishead ...	29.21	46	WSW	5	q	? 29.50	+ .22	43	? 41	− 3	W	3	b	3	52	40	0.3
Scilly																	
Plymouth ...	29.31	47	NW	5	c	29.57	+ .31	40	39	− 10	NW	2	bc	*	52	39	0.03
Hurst Castle ...	29.21	52	WSW	5	r	29.52	+ .17	45	44	− 6	NW	4	b	4	52	42	0.05
Dover	29.30	50	SSW	5	c	29.42	− .04	44	43	− 6	WSW	3	c	3	57	43	0.57
London	29.25	51	WSW	2	r o	29.46	+ .06	39	38	− 9	SW	2	bc	*	51	39	0.33
Oxford	*	*	*	*	*	29.46	+ .12	38	37	− 8	SW	1	b	*	48	37	0.15
Cambridge ...	29.25	45	S	1	o	29.42	+ .04	41	40	− 6	W	2	o	*	50	41	0.10
Yarmouth ...	29.27	47	SSW	2	r	29.33	− .13	43	43	− 4	WNW	3	f	2	49	41	0.12
The Helder... ...	*	*	*	*	*	29.22	− .36	44	43	+ 6	S	1	c	*	*	*	0.12
Cape Gris Nez	29.31	48	SW	4	r	29.44	− .05	46	43	+ 1	NW	7	o	6	52	43	0.51
Brest	?	52	NW	4	o	?	?	48	46	+ 4	NW	3	o	4	55	45	0.16
L'Orient	29.56	50	WNW	6	o	29.71	+ .19	48	46	0	WNW	3	c	4	55	45	0.20
Rochefort ...	29.67	54	W	6	o	29.76	+ .12	50	48	− 4	W	3	bc	3	55	46	0.30
Biarritz	29.85	61	WSW	4	bc	29.84	+ .02	50	45	− 4	SSE	3	c	4	59	46	0.16
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.38	− .20	44	*	+ 1	WSW	9	r	*	*	*	*
Charleville ...	*	*	*	*	*	? 29.47	− .09	43	*	− 2	?	6	o	*	*	*	*
Paris	29.53	46	SSW	3	bc	29.64	+ .04	42	*	− 4	SSW	3	b	*	*	*	0.08
Lyons	*	*	*	*	*	?	?	51	*	− 6	E	2	c	*	*	*	*
Toulon	29.77	55	W	3	m	29.88	+ .02	48	45	− 7	W	4	b	4	57	?	0.63

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.41	44	43	SSE	6	r	6	Valencia	29.52	49	45	NNW	4	bc	3
Thurso	29.31	42	40	SSW	1	c	2	Scilly							
Scarborough ...	29.29	47	46	S	1	o	0	London	29.28	50	48	SSW	2	o	*
Greencastle ...	29.36	46	44	N	1	c	*	Rochefort ...	29.67	55	52	N	6	bc	4
Holyhead	29.27	47	45	N	5	ow	4								

The barometer continues to rise slowly in Ireland while it is falling briskly in the E of England. N'ly winds are gradually spreading over us from the W'ward and the weather is improving along our W'n coasts.

EXPLANATION OF COLUMNS.

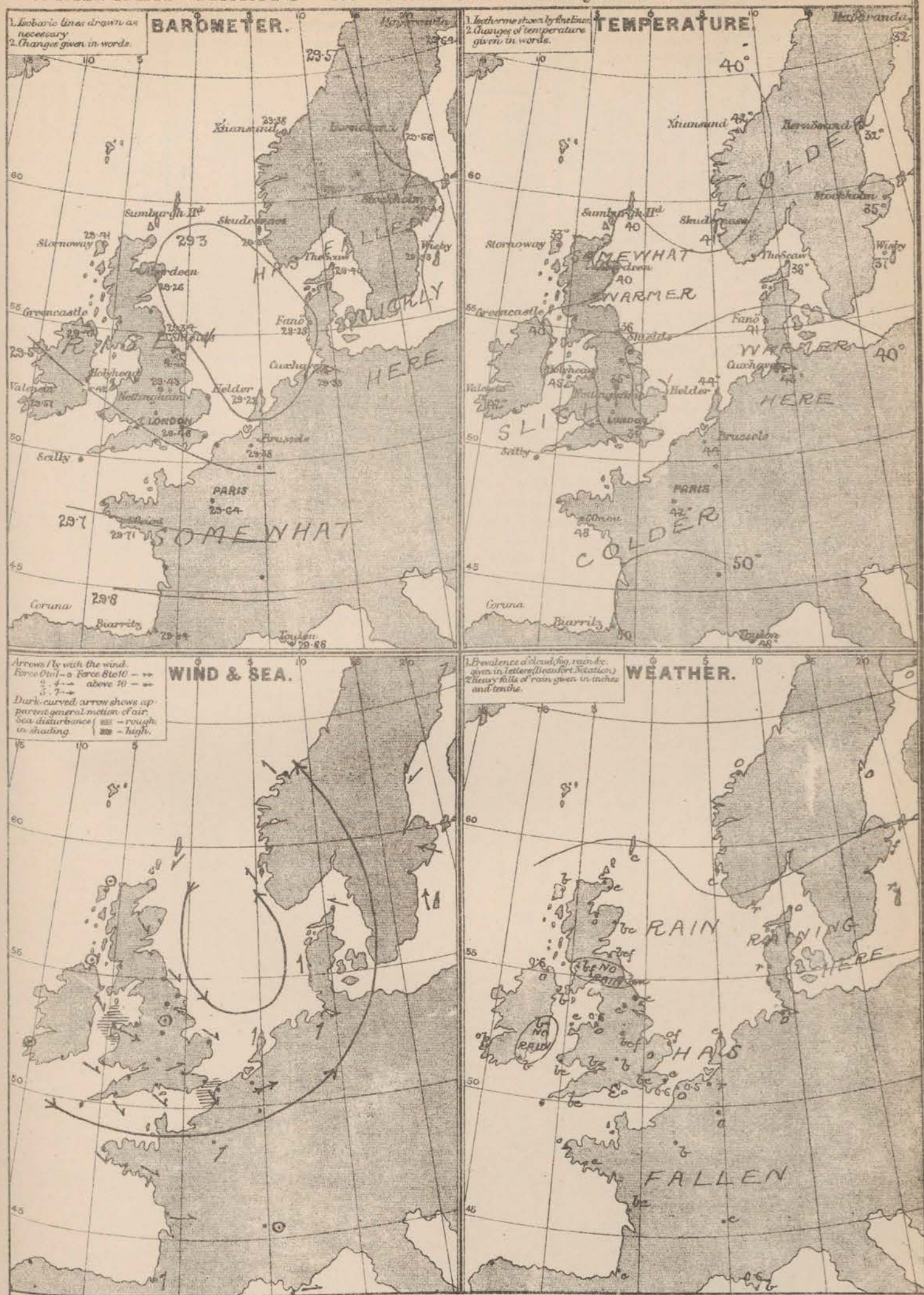
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Tuesday Novr 28th 1876.



REMARKS. Since yesterday morning the barometer has fallen fast on the Danish and Dutch coasts, while it has risen over our Islands. The two depressions noticed in our neighbourhood yesterday have apparently united, and now form one irregularly shaped disturbance, whose centre lies over the North Sea. Moderate gradients for NW. winds prevail in the British Isles and France, and rather steep ones for W. winds in Belgium. In the W. of Ireland, however, the barometer has begun to fall again during the night. Light to moderate NW. breezes now prevail over the United Kingdom and France, but a strong wind from the same quarter is reported at Cape Gris Nez, and a strong WSW. gale at Berwick, which in Denmark the wind is light from S., and in the W. of Norway, moderate from SE. Temperature has decreased over the whole of the United Kingdom and France, but risen in Denmark. Rain fell very generally yesterday, and is now falling in Belgium, Denmark, and the S. of Norway. In our Islands the sky has cleared very considerably at most stations. The sea rough at Cape Gris Nez, moderate to slight at all other stations.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Director.

Dangerfield, Lith. 22 Bedford St. C. and Charing

DAILY WEATHER REPORT Nov^R 29TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.62	33	S	2	o	29.54	− .10	27	27	− 5	S	2	o	*	*	*	–
Hernösand ...	29.46	33	NE	2	s	29.36	− .20	33	33	− 2	ENE	4	o	*	*	*	0.43
Stockholm ...	29.39	38	S	2	f	29.29	− .20	38	38	+ 3	SSE	2	f	*	*	*	0.20
Wisby	29.48	39	SW	4	o	29.36	− .17	40	40	+ 3	SW	6	o	*	*	*	0.24
Christiansund ...	29.36	36	E	2	bc	29.33	− .05	35	32	+ 7	NE	4	bc	4	43	34	–
Skudesnaes ...	29.31	36	N	o	b	29.32	− .03	36	33	− 5	E	2	b	2	41	36	–
Oxö (Christiansand)	29.31	37	NE	4	o	29.30	− .07	37	35	o	NNW	2	o	2	37	36	–
Skagen (The Scaw)	29.26	40	ENE	3	r	29.27	− .13	39	39	+ 1	NW	2	c	0	39	34	0.12
Fanö	29.34	41	S	2	o	29.36	+ .08	41	40	o	WSW	2	c	*	43	39	0.12
Cuxhaven ...	29.30	*	*	*	*	29.43	+ .10	40	40	− 2	SW	4	c	*	?	?	0.12
Sumburgh Head	29.25	40	NNE	4	c	29.30	+ .1	43	40	+ 3	ESE	2	bc	3	44	38	0.86
Stornoway	29.36	31	NW	1	b	29.37	− .04	35	35	+ 2	NNE	1	r	3	38	30	1.09
Thurso	29.32	40	NNW	4	c	29.25	− .07	43	41	o	NNE	3	o	4	45	? 42	0.17
Wick	29.30	34	NW	2	o	29.25	− .07	40	40	o	N	1	r	1	40	33	0.03
Nairn	29.26	34	N	2	b	29.33	− .03	31	30	− 9	N	1	o	2	40	33	–
Aberdeen ...	29.29	39	NNW	3	o	29.28	+ .02	34	32	− 6	WSW	1	b	1	42	23	0.22
Leith	29.26	37	N	1	bc	29.35	+ .04	32	32	− 1	NW	2	bf	*	40	27	–
Shields	29.36	39	NNW	3	c	29.40	+ .06	31	30	− 5	N	1	ow	2	42	29	–
York	29.40	39	N	1	b	29.44	+ .05	29	25	− 9	N	1	f	*	46	27	–
Scarborough ...	29.38	38	NNW	1	b	29.41	+ .09	31	31	− 10	WSW	1	bf	1	43	31	–
Nottingham ...	29.46	38	NW	2	bc	29.48	+ .06	36	36	+ 1	SW	1	c	*	46	35	–
Ardrossan ...	29.40	34	E	1	b	29.39	− .01	35	34	+ 5	ENE	2	of	1	45	31	–
Greencastle ...	29.37	35	N	1	b	29.32	− .10	36	35	− 4	WSW	1	b	*	46	33	–
Donaghadee ...	29.40	38	NNW	2	bc	29.40	− .01	33	32	− 7	WSW	3	bc	1	43	32	–
Kingstown ...	29.45	43	N	1	c	?	?	41	39	+ 1	S	1	c	2	43	38	–
Holyhead ...	29.43	44	N	2	c	29.43	+ .01	43	42	− 2	N	3	c	3	47	40	0.37
Liverpool (Bidston)	29.43	43	N	1	r	29.44	+ .04	39	38	− 2	WSW	3	o	2	44	36	0.84
Valencia	29.53	44	NW	2	bc	29.49	+ .08	42	40	o	WNW	2	bc		51	38	0.27
Roche's Point...	29.53	45	NW	5	c	29.53	− .03	39	37	− 1	WNW	2	b	3	49	36	0.08
Pembroke ...	29.47	46	N	2	c	29.51	− .01	47	42	+ 1	N	3	c	3	49	43	0.18
Portishead ...	29.50	44	N	3	o	29.54	+ .04	40	?	− 3	N	1	b	2	?	38	?
Scilly																	
Plymouth ...	29.54	46	SW	2	o	29.59	+ .02	39	31	− 1	NW	1	bf	*	51	37	0.06
Hurst Castle ...	29.54	49	N	3	bc	29.57	+ .05	44	43	− 1	NW	3	b	3	49	41	0.03
Dover	29.55	42	NSW	3	b	29.57	+ .09	40	39	− 4	WSW	3	bc	3	47	39	0.16
London	29.54	44	N	2	bc	29.53	+ .07	37	37	− 2	N	2	b	*	49	35	0.04
Oxford	*	*	*	*	*	29.51	+ .05	36	35	− 2	SW	1	b	*	47	35	0.05
Cambridge ...	29.48	42	NSW	1	bc	29.49	+ .07	36	36	− 5	SW	1	b	*	49	35	0.03
Yarmouth ...	29.46	42	W	3	bc	29.44	+ .11	41	40	− 2	N	3	cf	2	44	38	0.03
The Helder... ...	*	*	*	*	*	29.40	+ .18	42	42	− 2	S	2	r	*	*	*	0.32
Cape Gris Nez	29.56	46	NNW	5	b	29.54	+ .10	46	43	o	NNW	4	b	3	50	43	0.43
Brest		54	NSW	2	r	?	?	58	46	+ 2	N	3	o	3	55	48	0.08
L'Orient	29.70	46	NW	2	b	29.74	+ .03	48	45	o	NNW	3	bc	3	54	43	0.08
Rochefort ...	29.75	54	SSW	3	c	29.77	+ .04	50	50	o	N	2	bc	3	55	46	0.28
Biarritz	29.75	57	SSW	1	o	29.77	− .07	45	43	− 5	SE	2	b	4	57	43	–
Coruna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.57	+ .19	42	*	− 2	SW	3	o	*	*	*	*
Charleville ...	*	*	*	*	*	? 29.58	+ .11	41	*	− 2	SE	3	o	*	*	*	*
Paris	29.68	44	NNW	3	c	29.71	+ .07	41	*	− 1	SE	3	c	*	*	*	–
Lyons	*	*	*	*	*	?	?	50	*	− 1	N	2	f	*	*	*	*
Toulon	29.82	52	N	2	r	29.73	+ .15	46	45	− 2	E	4	o	3	54	48	0.55

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.32	36	35	N	o	b	3
Thurso	29.32	40	38	NNW	4	c	4
Scarborough ...	29.36	43	40	NW	1	b	2
Greencastle ...	29.40	44	42	NSW	1	bc	*
Holyhead	29.46	45	43	N	4	c	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29.54	48	44	NNW	3	c	3
Scilly							
London	29.57	48	44	N	2	bc	*
Rochefort ...	29.75	55	52	SSW	3	bc	

The changes in pressure are very slight – at our SW^ly stations the barometer has fallen and in the E. it has risen, while the wind in the S. of Ireland, apparently shows a tendency to "back".

EXPLANATION OF COLUMNS.

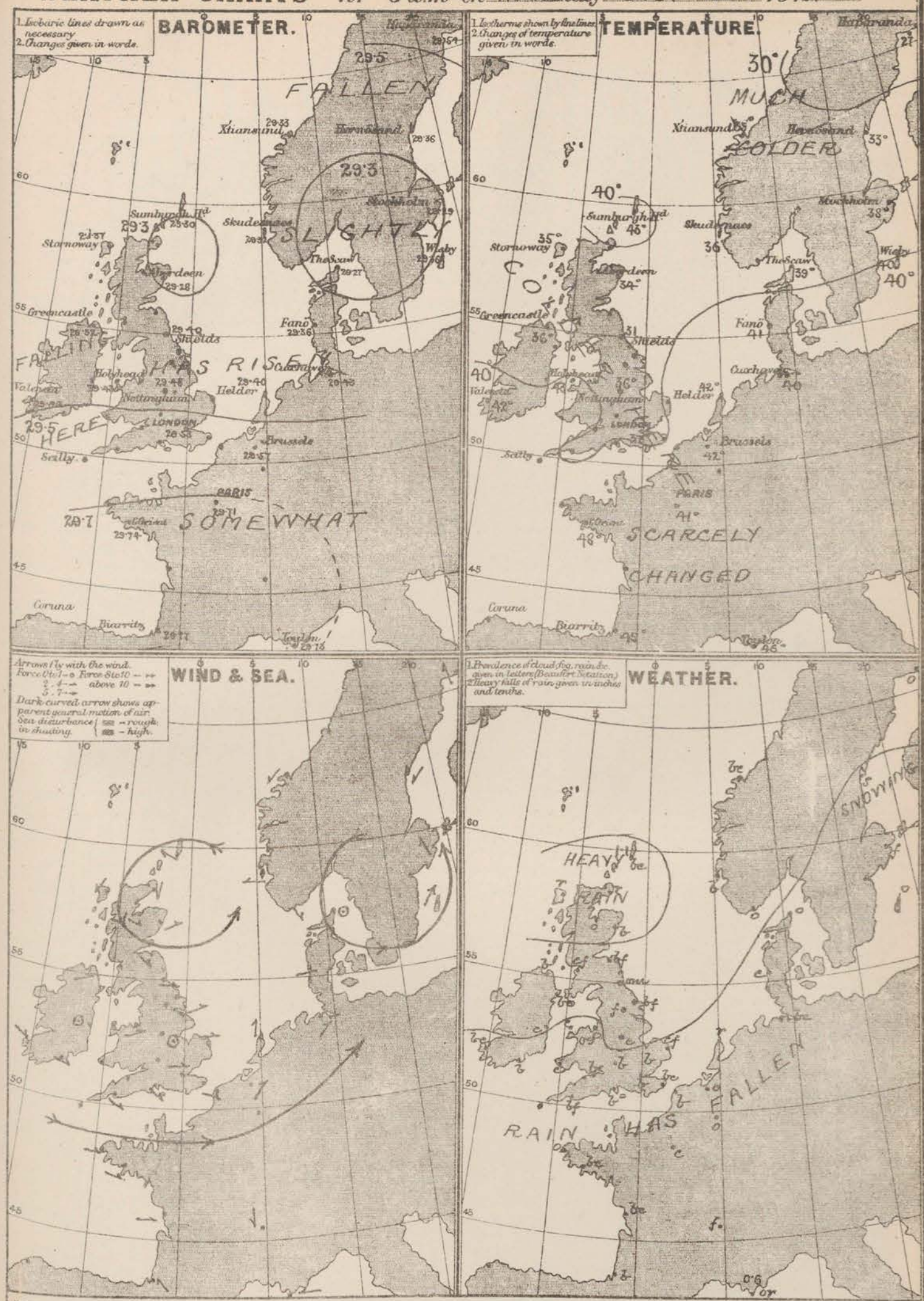
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Wednesday Novr 29th 1876.



REMARKS. Since yesterday morning the barometer has risen considerably at the E^n and S^n stations, while it has fallen a little in the N and W. Two shallow depressions are found this morning, one over the Skagen Rack, and S. of Sweden, the other off the NE. coast of Scotland, and in the W. of Ireland the mercury is falling again as though some additional low pressure systems were advancing towards us from the Atlantic. The highest readings are reported from France and the Bay of Biscay. Light W^n winds prevail over nearly the whole of the United Kingdom and W. of France, drawing into S.W in N. Germany, while moderate NE^n winds are felt in the more N^n parts of Scandinavia, but in the NE. of Scotland, the Skagen Rack, and S. of Sweden the wind is very variable. Temperature has again decreased in most places, but the changes have been very irregular. At Stornoway it has fallen 7°, at Valencia 9°, and at Scarborough 10°. A slight frost now prevails at several of our NE^n stations, and in London hoar frost was formed this morning. Showers of rain have again fallen, except in the N^n parts of England and Ireland. At Stornoway and Valencia the fall has been heavy. The sky is on the whole moderately clear this morning, but at several of the N^n stations it is cloudy, and rain is still falling. The sea is moderate to smooth.

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DAILY WEATHER REPORT Nov^R. 30TH 1876.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·46	24	S	2	o	29·47	− ·07	24	23	− 3	S	2	o	*	*	*	0·12
Hernösand ...	29·35	30	NE	2	o	29·41	+ ·05	26	25	− 7	NNW	2	c	*	*	*	0·08
Stockholm ...	29·31	36	S	2	f	29·35	+ ·06	34	34	− 4	NE	2	f	*	*	*	0·04
Wisby	29·39	24	W	6	o	29·46	+ ·10	39	37	− 1	NW	4	o	*	*	*	0·06
Christiansund ...	29·42	31	?	?	b	29·53	+ ·20	34	33	− 1	SSW	3	be	3	?	28	—
Skudesnaes ...	29·38	36	E	2	c	29·52	+ ·20	36	35	0	ESE	2	be	3	?	?	—
Oxö (Xtiansand)	29·36	32	NW	2	b	29·50	+ ·20	31	28	− 6	NNW	2	c	1	39	30	—
Skagen (The Scaw)	29·42	36	NSW	2	r	29·57	+ ·24	38	34	− 1	N	2	c	1	41	32	—
Fanö	29·47	40	W	4	c	29·63	+ ·27	37	37	− 4	NSW	1	b	*	43	36	0·12
Cuxhaven ...	29·41	*	*	*	*	29·67	+ ·34	38	38	− 2	NSW	3	be	*	?	?	0·14
Sumburgh Head	29·36	44	N	2	c	29·60	+ ·30	42	39	− 1	NE	2	b	2	44	39	0·08
Stornoway	29·44	32	N	1	b	29·59	+ ·22	31	30	− 4	NW	1	b	2	38	29	0·13
Thurso	29·40	49	ENE	1	be	29·60	+ ·35	37	34	− 6	N	0	cm	2	?	35	0·11
Wick	29·43	41	E	1	be	29·61	+ ·36	35	35	− 5	NW	1	o	0	43	32	0·10
Nairn	29·42	35	W	1	o	29·63	+ ·30	32	32	+ 1	N	0	f	2	36	30	0·08
Aberdeen ...	29·37	37	W	1	b	29·59	+ ·31	33	32	− 1	W	1	bm	1	40	33	—
Leith	29·44	36	W	2	b	29·63	+ ·28	35	35	+ 3	W	1	bf	*	41	30	—
Shields	29·48	40	SW	1	be	29·66	+ ·26	31	30	0	N	0	f	2	41	30	—
York	29·52	40	NSW	2	o	29·69	+ ·25	29	29	0	NSW	1	f	*	42	27	—
Scarborough ...	29·53	37	NSW	2	c	29·69	+ ·28	34	33	+ 3	NSW	1	bf	1	38	31	—
Nottingham ...	29·58	41	S	2	r	29·69	+ ·21	33	33	− 3	N	0	f	*	46	31	0·04
Ardrossan ...	29·46	41	W	2	c	29·64	+ ·25	34	33	− 1	NE	2	bf	1	44	34	—
Greencastle ...	29·43	37	SW	2	b	29·52	+ ·22	33	32	− 3	N	1	b	*	44	29	—
Donaghadee ...	29·57	35	NSW	2	c	29·59	+ ·19	30	30	− 3	N	2	b	1	38	28	—
Kingstown ...	29·5[illegible]	43	NSW	1	b	29·56	?	43	42	+ 2	SSE	1	ob	1	45	39	0·01
Holyhead ...	29·57	44	SW	1	c	29·58	+ ·15	42	41	− 1	ESE	3	m	2	46	38	0·07
Liverpool (Bidston)	29·52	41	SW	2	be	29·63	+ ·19	36	36	− 3	ESE	2	f	1	44	33	—
Valencia	29·57	46	W	2	o	29·33	− ·16	50	47	+ 8	SE	4	c	4	57	38	0·16
Roche's Point ...	29·54	47	NSW	3	c	29·40	− ·13	50	49	+ 11	SSE	5	o	4	50	39	0·25
Pembroke ...	29·56	48	NSW	3	c	29·53	+ ·02	48	46	+ 1	ESE	3	c	3	50	46	0·04
Portishead ...	29·60	44	NSW	2	r	29·63	+ ·09	40	40	0	NE	3	o	3	50	37	0·02
Scilly																	
Plymouth ...	29·63	45	NSW	1	b	29·55	− ·04	49	48	+ 10	S	2	o	*	50	38	0·02
Hurst Castle ...	29·65	49	W	1	r	29·64	+ ·07	50	48	+ 6	SSE	2	be	2	50	40	0·05
Dover	29·67	41	NSW	3	b	29·71	+ ·20	47	46	+ 7	S	3	be	2	47	39	0·04
London	29·65	46	NSW	2	bcm	29·69	+ ·16	39	39	+ 2	SE	1	fd	*	49	31	—
Oxford	*	*	*	*	*	29·68	+ ·17	35	35	− 1	N	0	f	*	46	32	—
Cambridge ...	29·62	38	SW	1	be	29·72	+ ·23	33	32	− 3	SW	1	c	*	47	30	—
Yarmouth ...	29·58	38	NSW	2	b	29·72	+ ·28	37	37	− 4	NSW	1	f	2	41	35	—
The Helder ...	*	*	*	*	*	29·73	+ ·33	45	44	+ 3	W	1	c	*	*	*	0·39
Cape Gris Nez	29·68	48	W	2	b	29·73	+ ·19	43	41	− 3	SSE	2	be	1	48	43	0·04
Brest	?	55	SW	3	o	?	?	48	46	− 2	SE	4	o	4	55	46	—
L'Orient	29·74	50	NSW	3	o	29·53	+ ·24	48	46	0	SE	5	o	4	55	46	—
Rochefort ...	29·75	55	S	3	b	29·61	− ·16	43	41	− 7	SSE	5	b	3	59	27	—
Biarritz	29·75	55	ENE	3	b	29·57	− ·20	61	52	+ 16	SSE	3	c	3	61	45	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·80	+ ·23	42	*	0	SSW	3	o	*	*	*	* 0·10
Charleville ...	*	*	*	*	*	? 29·79	+ ·21	39	*	− 2	ESE	3	f	*	*	*	*
Paris	29·77	45	SW	2	b	29·78	+ ·07	37	*	− 4	SE	2	f	*	*	*	—
Lyons	*	*	*	*	*	?	?	45	*	− 5	NE	2	f	*	*	*	*
Toulon	29·85	48	W	2	b	29·91	+ ·18	48	46	+ 2	E	3	b	3	54	46	0·47

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·34	36	34	ENE	2	b	3
Thurso	29·31	42	41	N	0	c	2
Scarborough ...	29·47	38	37	NSW	1	b	2
Greencastle ...	29·40	43	40	SSW	2	b	*
Holyhead	29·47	45	43				
Valencia	29·50	50	46	NSW	2	be	3
Scilly							
London	29·60	46	43	NSW	2	b	*
Rochefort ...	29·78	57	53	S	2	c	3

Pressure is changing very irregularly, but the amount of alteration is not large. The weather is fine generally, and temperature is increasing in Ireland where the wind is inclined to back.

EXPLANATION OF COLUMNS.

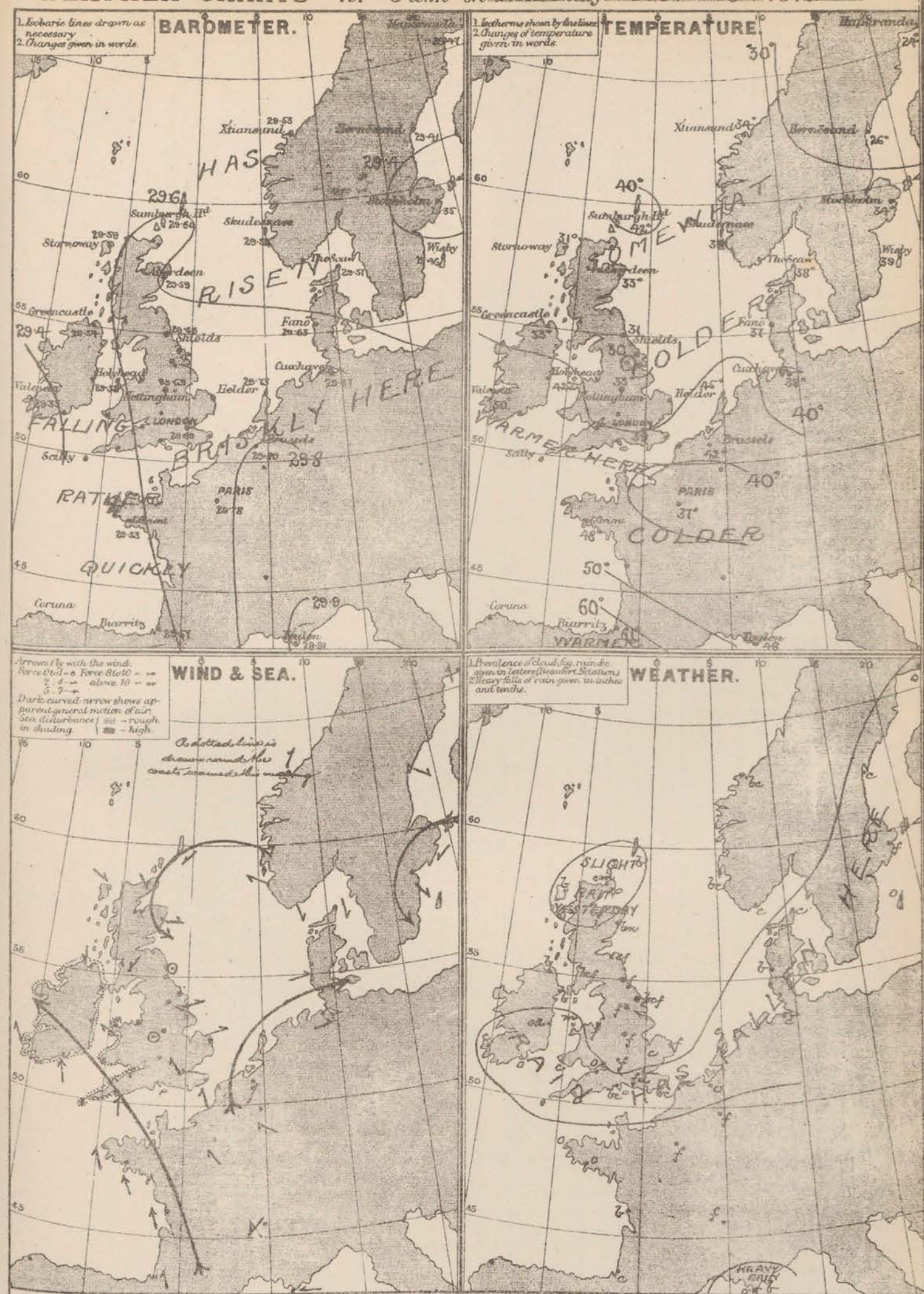
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m on Thursday Nov.r 30th 1876



REMARKS. The depression noticed off our NE. coasts yesterday has now apparently become nearly filled up, and the lowest readings are reported this morning from the Baltic. The barometer is consequently rising in nearly all parts of W.n Europe, but on our SW. coasts, and on the Bay of Biscay a brisk fall is reported, and moderate gradients for S.E. winds have been formed. Elsewhere readings are very uniform, and the winds light and variable. With the appearance of showers, the weather has become warmer and the thermometer shows a rise of several degrees in the S. of Ireland, and the SW. of England, but in nearly all other places it has fallen. It is as low as 29° at York, and 32° at Marne, and is about 10° below the average for the time of year over Ireland. The weather is cloudy except in the N. and NW. and a great deal of dense fog is reported. Over Scotland and Ireland some rain has fallen. The sea is everywhere slight to smooth.

Warnings sent to our W. and SW. coasts this morning.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Director.

Darnerfield, Lith. 22 Bedford St Covent Garden

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR NOVEMBER 1876

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
3rd	Coruña	*	*	*	*	*	30·28	+·10	50	*	0	SE	3	b	1	*	*	*
4th	Coruña	*	*	*	*	*	30·38	+·10	47	*	−3	NE	3	b	1	*	*	*
6th	Coruña	*	*	*	*	*	30·15	?	47	*	?	NE	?	b	1	*	*	*
7th	Skagen	29·68	38	E NE	9	0	30·04	+·30	37	34	+4	E	9	0	8	39	32	0·12
8th	Skagen	30·23	35	E NE	9	0	30·09	+·05	33	31	−4	E	9	0	9	37	32	-
"	Coruña	*	*	*	*	*	29·88	?	50	*	?	SW	3	c	1	*	*	*
"	London	29·84	45	W	6	b	29·84	−·11	34	34	−12	NW	3	b c	4	55	?	-
9th	Coruña	*	*	*	*	*	29·92	+·04	50	*	0	Z	0	0	1	*	*	*
10th	Coruña	*	*	*	*	*	29·99	+·07	48	*	−2	N	3	c	1	*	*	*
12th	York	29·87	35	E SE	3	b	29·48	−·56	40	39	+11	SE	2	r	*	40	28	0·09
"	Plymouth	29·42	42	SE	8	0	29·10	−·76	52	52	+10	SW	3	0	*	53	40	0·38
"	Skudesnaes 2 pm	-	-	-	-	-	30·06	-	36	31	-	ESE	4	b	3	-	-	-
"	Rochefort 2 pm	-	-	-	-	-	30·11	-	?54	?	-	S	6	0	4	-	-	-
13th	Cuxhaven	29·91	*	*	*	*	29·65	−·29	32	31	+8	SE	8	0	*	*	*	-
"	L'Orient	28·90	57	S SW	4	r	29·42	+·16	57	55	0	S	4	m	5	63	52	0·24
14th	Skagen	29·98	31	E	5	S	29·99	−·03	33	31	+3	E	4	0	5	34	27	0·04
"	Yarmouth	29·80	32	E	4	0	29·88	+·03	33	33	+2	E NE	2	m	*	34	30	-
"	Cuxhaven	29·64	*	*	*	*	29·80	+·15	35	33	+3	NW	2	0 f	*	*	*	-
15th	Brest	?	57	S	3	0	?	?	57	54	−2	S	2	b c	4	59	54	0·16
"	Coruña	*	*	*	*	*	28·80	?	53	*	?	SW	6	0 r	4	*	*	*
16th	Wisby	30·19	34	E	4	b c	30·15	·00	37	34	+2	S SE	4	0	*	*	*	*
17th	Coruña	*	*	*	*	*	29·96	?	55	*	?	SW	6	c	5	*	*	*
18th	Coruña	*	*	*	*	*	29·61	−·35	56	*	+1	SW	3	c	1	*	*	*
19th	Coruña	*	*	*	*	*	30·05	+·44	59	*	+3	SW	6	0	1	*	*	*
20th	Coruña	*	*	*	*	*	29·84	−·21	60	*	+1	SW	3	0 f r	1	*	*	*
21st	Coruña	*	*	*	*	*	29·80	−·04	56	*	−4	NE	?	c	1	*	*	*
22nd	Coruña	*	*	*	*	*	29·90	+·10	58	*	+2	?	3	c	1	*	*	*
24th	Coruña	*	*	*	*	*	30·14	?	57	*	?	SW	3	c	5	*	*	*
25th	Coruña	*	*	*	*	*	29·81	−·33	59	*	+2	SW	6	c p	5	*	*	*
27th	Coruña	*	*	*	*	*	30·00	+·02	54	*	+2	SW	6	c p	5	*	*	*
28th	Coruña	*	*	*	*	*	29·87	−·13	51	*	−3	SW	3	c	1	*	*	*
29th	Coruña	*	*	*	*	*	29·82	−·05	45	*	−6	NE	?	b	1	*	*	*

CORRECTIONS

1st	York	-	-	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	? 42	-
2nd	Sumburgh Hd	29·92	-	-	-	-	29·93	−·16	-	46	-	-	-	-	-	-	-	-
"	Stornoway	-	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Aberdeen	-	-	-	-	-	30·02	−·26	-	-	-	-	-	-	-	-	-	-
"	Scarborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-
"	Donaghadee	30·38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Valencia	-	-	-	-	-	-	-	51	-	+13	-	-	-	-	51	-	-
"	Scarborough 2 pm	-	-	-	-	-	30·22	-	-	-	-	-	-	-	-	-	-	-
3rd	Donaghadee	-	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Plymouth	-	-	-	-	-	-	-	50	49	+20	-	-	-	-	-	30	-
"	Thurso 2 P.M.	-	-	-	-	-	29·97	-	-	-	-	-	-	-	-	-	-	-
6th	Shields	-	-	-	-	-	30·32	−·09	-	-	-	-	-	-	-	-	-	-

CORRECTIONS (continued)

Date	Stations.	† Yesterday Evening. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. to Day. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	Past 24 Hours. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
	Cambridge	30·22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-
	Wick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-
	Nairn	-	-	-	-	-	-	-	26	26	-	-	-	-	-	-	-	-
	Valencia	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-
	Portishead	-	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hurst Castle	-	-	-	-	-	?30·16	+·20	-	-	-	-	-	-	-	-	-	-
	Cambridge	-	-	-	-	-	-	-	32	31	0	-	-	-	-	-	-	-
	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-
	Hurst Castle	-	-	-	-	-	29·18	-	-	-	-	-	-	-	-	-	-	-
	Sumburgh Hd	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Valencia	-	-	-	-	-	-	-	51	-	-	-	-	-	-	-	-	-
	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-
	Sumburgh Hd	-	39	-	2	-	-	-	39	-	0	-	-	-	-	41	36	0·15
	Holyhead	-	-	-	-	-	-	-	-	-	-	E	-	-	-	-	-	-
	Valencia	-	-	-	-	-	-	-	57	56	+6	-	-	-	-	-	-	-
	Scilly	-	55	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-
	Cambridge	-	-	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	41	-
	Thurso	-	-	-	-	-	-	-	-	50	-	-	-	-	-	-	-	-
	Kingstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·85
	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·19
	Hurst Castle	-	-	-	-	-	-	-	56	-	+3	-	-	-	-	56	-	-
	Yarmouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-
	Leith	-	-	-	-	-	29·54	-·01	-	-	-	-	-	-	-	-	-	-
	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-
	Valencia	-	-	-	-	-	-	-	52	-	+4	-	-	-	-	-	-	-
	Scarborough 2 p.m.	-	-	-	-	-	-	-	-	50	-	-	-	-	-	-	-	-
	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-
	Aberdeen	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-	-
	Portishead	-	-	-	-	-	29·96	-	-	-	-	-	-	-	-	-	-	-
	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-
	Androssan	-	-	-	-	-	30·06	+·03	-	-	-	-	-	-	-	-	-	-
	Dover	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sumburgh Hd	-	-	-	-	-	-	-	-	-	-	S	-	-	-	-	-	-
	Kingstown	-	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wisby	30·46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sumburgh Hd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-
	Thurso	29·87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nottingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-
	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·06
	Donaghadee	-	-	-	-	-	-	-	43	42	-2	-	-	-	-	-	42	-
	Nottingham	-	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·30
	Portishead	-	-	-	-	-	29·50	-	-	41	-	-	-	-	-	-	-	-
	Thurso	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-
	Kingstown	-	-	-	-	-	29·45	-·04	-	-	-	-	-	-	-	-	-	-
	Portishead	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-
	Kingstown	-	-	-	-	-	-	+·11	-	-	-	-	-	-	-	-	-	-